

# Ricardo Affonso Bernardes

## List of Publications by Year in descending order

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30  
papers

1,014  
citations

394421

19  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

997  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of cone-beam volumetric tomography in the diagnosis of root fractures. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 108, 270-277.	1.4	139
2	Comparison of three retreatment techniques with ultrasonic activation in flattened canals using micro-computed tomography and scanning electron microscopy. International Endodontic Journal, 2016, 49, 890-897.	5.0	98
3	Influence of Embedding Media on the Assessment of Electronic Apex Locators. Journal of Endodontics, 2007, 33, 476-479.	3.1	74
4	Comparative Effectiveness of New Mechanical Irrigant Agitating Devices for Debris Removal from the Canal and Isthmus of Mesial Roots of Mandibular Molars. Journal of Endodontics, 2017, 43, 326-331.	3.1	67
5	Influence of Calcium Hydroxide Association on the Physical Properties of AH Plus. Journal of Endodontics, 2010, 36, 1048-1051.	3.1	65
6	Comparative study of cone beam computed tomography and intraoral periapical radiographs in diagnosis of lingual simulated external root resorptions. Dental Traumatology, 2012, 28, 268-272.	2.0	57
7	Evaluation of precision of length determination with 3 electronic apex locators: Root ZX, Elements Diagnostic Unit and Apex Locator, and RomiAPEX D-30. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2007, 104, e91-e94.	1.4	47
8	Evaluation of the flow rate of 3 endodontic sealers: Sealer 26, AH Plus, and MTA Obtura. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, e47-e49.	1.4	43
9	Apical sealing of root canal fillings performed with five different endodontic sealers: analysis by fluid filtration. Journal of Applied Oral Science, 2011, 19, 324-328.	1.8	36
10	Evaluation of pH and calcium ion release of new root-end filling materials. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 108, 135-139.	1.4	35
11	Variability of physicochemical properties of an epoxy resin sealer taken from different parts of the same tube. International Endodontic Journal, 2012, 45, 915-920.	5.0	35
12	Influence of NiTi alloy on the root canal shaping capabilities of the ProTaper Universal and ProTaper Gold rotary instrument systems. Journal of Applied Oral Science, 2017, 25, 27-33.	1.8	32
13	Evaluation of Apical Cavity Preparation With a New Type of Ultrasonic Diamond Tip. Journal of Endodontics, 2007, 33, 484-487.	3.1	31
14	An ex vivo comparison of root canal length determination by three electronic apex locators at positions short of the apical foramen. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 110, e57-e61.	1.4	27
15	Bilateral mandibular canines with two roots and two separate canals: case report. Brazilian Dental Journal, 2009, 20, 84-86.	1.1	25
16	Changes in Root Canal Length Determined during Mechanical Preparation Stages and Their Relationship with the Accuracy of Root ZX II. Journal of Endodontics, 2016, 42, 1683-1686.	3.1	24
17	Ultrasonic Chemical Vapor Deposition-coated Tip versus High- and Low-speed Carbide Burs for Apicoectomy: Time Required for Resection and Scanning Electron Microscopy Analysis of the Root-end Surfaces. Journal of Endodontics, 2009, 35, 265-268.	3.1	22
18	Root Canal Area Increase Promoted by the EndoSequence and ProTaper Systems: Comparison by Computed Tomography. Journal of Endodontics, 2010, 36, 1179-1182.	3.1	22

#	ARTICLE	IF	CITATIONS
19	Effects of Gates-Glidden, LA Axxess and orifice shaper burs on the cervical dentin thickness and root canal area of mandibular molars. Brazilian Dental Journal, 2011, 22, 28-31.	1.1	21
20	Determination of the Accuracy of 5 Electronic Apex Locators in the Function of Different Employment Protocols. Journal of Endodontics, 2017, 43, 1663-1667.	3.1	20
21	ExÂVivo Evaluation of the Accuracy of Electronic Foramen Locators in Root Canals with an Obstructed Apical Foramen. Journal of Endodontics, 2015, 41, 1551-1554.	3.1	19
22	Debris extrusion and foraminal deformation produced by reciprocating instruments made of thermally treated NiTi wires. Journal of Applied Oral Science, 2018, 26, e20170215.	1.8	18
23	Efficacy of reciprocating systems for removing root filling material plus complementary cleaning methods in flattened canals: Microtomography and scanning electron microscopy study. Microscopy Research and Technique, 2019, 82, 1057-1064.	2.2	16
24	Evaluation of the Maintenance of the Apical Limit duringÂInstrumentation with Hybrid Equipment inÂRotaryÂandÂReciprocating Modes. Journal of Endodontics, 2015, 41, 682-685.	3.1	11
25	Effect of ultrasonic tip and root-end filling material on bond strength. Clinical Oral Investigations, 2016, 20, 2007-2011.	3.0	10
26	Efficacy of Electronic Foramen Locators in Controlling Root Canal Working Length during Rotary Instrumentation. Brazilian Dental Journal, 2015, 26, 547-551.	1.1	6
27	Influence of Different Coronal Preflaring Protocols on Electronic Foramen Locators Precision. Brazilian Dental Journal, 2020, 31, 404-408.	1.1	6
28	Scanning electronic microscopy analysis of the apical surface after of root-end resection with different methods. Scanning, 2015, 37, 126-130.	1.5	4
29	Evaluation of foramen locating accuracy of an endodontic motor integrated with electronic foramen employing optimal glide path kinematics. Clinical Oral Investigations, 2022, 26, 1293-1298.	3.0	4
30	Root canal length changes during mechanical preparation due to different cervical enlargement patterns. Brazilian Oral Research, 0, 36, .	1.4	0