Marco Antonio HÃºngaro Duarte

List of Publications by Year
in descending order

258 papers	7,296 citations	50276 46 h-index	95266 68 g-index
263 all docs	263 docs citations	263 times ranked	4431 citing authors

#	Article	IF	Citations
1	Evaluation of Radiopacity, pH, Release of Calcium Ions, and Flow of a Bioceramic Root Canal Sealer. Journal of Endodontics, 2012, 38, 842-845.	3.1	248
2	pH and calcium ion release of 2 root-end filling materials. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2003, 95, 345-347.	1.4	206
3	Assessment of Color Stability of White Mineral Trioxide Aggregate Angelus and Bismuth Oxide in Contact with Tooth Structure. Journal of Endodontics, 2014, 40, 1235-1240.	3.1	184
4	Radiopacity of Portland Cement Associated With Different Radiopacifying Agents. Journal of Endodontics, 2009, 35, 737-740.	3.1	157
5	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
6	Biocompatibility In Vitro Tests of Mineral Trioxide Aggregate and Regular and White Portland Cements. Journal of Endodontics, 2005, 31, 605-607.	3.1	109
7	Dental discoloration caused by bismuth oxide in MTA in the presence of sodium hypochlorite. Clinical Oral Investigations, 2015, 19, 2201-2209.	3.0	108
8	The Use of a Setting Accelerator and Its Effect on pH and Calcium Ion Release of Mineral Trioxide Aggregate and White Portland Cement. Journal of Endodontics, 2006, 32, 1194-1197.	3.1	107
9	Arsenic release provided by MTA and Portland cement. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2005, 99, 648-650.	1.4	103
10	Influence of powderâ€toâ€water ratio on radiopacity, setting time, <scp>pH</scp>, calcium ion release and a microâ€<scp>CT</scp> volumetric solubility of white mineral trioxide aggregate. International Endodontic Journal, 2014, 47, 120-126.	5.0	99
11	Comparison of three retreatment techniques with ultrasonic activation in flattened canals using microâ€computed tomography and scanning electron microscopy. International Endodontic Journal, 2016, 49, 890-897.	5.0	98
12	Antibacterial properties of silver nanoparticles as a root canal irrigant against Enterococcus faecalis biofilm and infected dentinal tubules. International Endodontic Journal, 2018, 51, 901-911.	5.0	98
13	Evaluation of the physical and chemical properties of two commercial and three experimental root-end filling materials. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 110, 250-256.	1.4	97
14	Biofilm Dissolution and Cleaning Ability of Different Irrigant Solutions on Intraorally Infected Dentin. Journal of Endodontics, 2011, 37, 1134-1138.	3.1	94
15	Presence of arsenic in different types of MTA and white and gray Portland cement. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, 909-913.	1.4	92
16	Physical Properties and Interfacial Adaptation of Three Epoxy Resinâ€“based Sealers. Journal of Endodontics, 2011, 37, 1417-1421.	3.1	85
17	Efficacy of Reciprocating Instruments for Removing Filling Material in Curved Canals Obturated with a Single-cone Technique: A Microâ€“computed Tomographic Analysis. Journal of Endodontics, 2014, 40, 1000-1004.	3.1	84
18	Antimicrobial effect of endodontic solutions used as final irrigants on a dentine biofilm model. International Endodontic Journal, 2012, 45, 162-168.	5.0	81

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19	Genotoxicity and cytotoxicity of mineral trioxide aggregate and regular and white Portland cements on Chinese hamster ovary (CHO) cells in vitro. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2006, 101, 258-261.	1.4	80
20	Chelating and antibacterial properties of chitosan nanoparticles on dentin. Restorative Dentistry & Endodontics, 2015, 40, 195.	1.5	79
21	Microâ€“computed Tomographic Analysis of the Root Canal Morphology of the Distal Root of Mandibular First Molar. Journal of Endodontics, 2015, 41, 231-236.	3.1	79
22	Effect of Different Radiopacifying Agents on the Physicochemical Properties of White Portland Cement and White Mineral Trioxide Aggregate. Journal of Endodontics, 2012, 38, 394-397.	3.1	77
23	Polymerization shrinkage, microhardness and depth of cure of bulk fill resin composites. Dental Materials Journal, 2019, 38, 403-410.	1.8	73
24	Etidronate causes minimal changes in the ability of sodium hypochlorite to dissolve organic matter. International Endodontic Journal, 2015, 48, 399-404.	5.0	72
25	Influence of Preflaring on the Accuracy of Length Determination With Four Electronic Apex Locators. Journal of Endodontics, 2009, 35, 1300-1302.	3.1	71
26	Efficacy of xylene and passive ultrasonic irrigation on remaining root filling material during retreatment of anatomically complex teeth. International Endodontic Journal, 2014, 47, 1078-1083.	5.0	68
27	Radiographic effect of different radiopacifiers on a potential retrograde filling material. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 108, 628-632.	1.4	67
28	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
29	Evaluation of the propylene glycol association on some physical and chemical properties of mineral trioxide aggregate. International Endodontic Journal, 2012, 45, 565-570.	5.0	66
30	Influence of Calcium Hydroxide Association on the Physical Properties of AH Plus. Journal of Endodontics, 2010, 36, 1048-1051.	3.1	65
31	Effect of the root canal final rinse protocols on the debris and smear layer removal and on the pushâ€out strength of an epoxyâ€based sealer. Microscopy Research and Technique, 2013, 76, 533-537.	2.2	63
32	Effectiveness of the ProTaper Next and Reciproc Systems in Removing Root Canal Filling Material with Sonic or Ultrasonic Irrigation: A Microâ€“computed Tomographic Study. Journal of Endodontics, 2017, 43, 467-471.	3.1	63
33	pH, Calcium Ion Release, and Setting Time of an Experimental Mineral Trioxide Aggregateâ€“based Root Canal Sealer. Journal of Endodontics, 2011, 37, 844-846.	3.1	61
34	Comparative Analysis of Enterococcus faecalis Biofilm Formation on Different Substrates. Journal of Endodontics, 2013, 39, 346-350.	3.1	59
35	Calcium silicate-based sealers: Assessment of physicochemical properties, porosity and hydration. Dental Materials, 2016, 32, e30-e40.	3.5	59
36	Comparative study of cone beam computed tomography and intraoral periapical radiographs in diagnosis of lingualâ€simulated external root resorptions. Dental Traumatology, 2012, 28, 268-272.	2.0	57

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37	Evaluation of the radiopacity of some commercial and experimental root-end filling materials. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 108, e35-e38.	1.4	56
38	Metronidazole release using natural rubber latex as matrix. Materials Research, 2010, 13, 57-61.	1.3	56
39	Analysis of four guttaâ€percha techniques used to fill mesial root canals of mandibular molars. International Endodontic Journal, 2011, 44, 321-329.	5.0	56
40	Shaping ability of Reciproc and TF Adaptive systems in severely curved canals of rapid microCT-based prototyping molar replicas. Journal of Applied Oral Science, 2014, 22, 509-515.	1.8	55
41	Radiopacity evaluation of root-end filling materials by digitization of images. Journal of Applied Oral Science, 2008, 16, 376-379.	1.8	54
42	Cyclic fatigue and torsional strength of three different thermally treated reciprocating nickel-titanium instruments. Clinical Oral Investigations, 2018, 22, 1865-1871.	3.0	54
43	Evaluation of apical transportation and centring ability of five thermally treated NiTi rotary systems. International Endodontic Journal, 2018, 51, 705-713.	5.0	52
44	Final irrigation protocols may affect intraradicular dentin ultrastructure. Clinical Oral Investigations, 2017, 21, 2173-2182.	3.0	51
45	Effect of final irrigation protocols on microhardness and erosion of root canal dentin. Microscopy Research and Technique, 2013, 76, 1079-1083.	2.2	49
46	Antimicrobial Activity and Physicochemical Properties of Calcium Hydroxide Pastes Used as Intracanal Medication. Journal of Endodontics, 2016, 42, 1822-1828.	3.1	48
47	Evaluation of Physicochemical Properties of New Calcium Silicate-Based Sealer. Brazilian Dental Journal, 2018, 29, 536-540.	1.1	48
48	Tricalcium silicate-based cements: properties and modifications. Brazilian Oral Research, 2018, 32, e70.	1.4	48
49	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
50	Microscopic analysis of the quality of obturation and physical properties of <scp>MTA</scp><scp>F</scp>illapex. Microscopy Research and Technique, 2014, 77, 1031-1036.	2.2	47
51	Color Stability, Radiopacity, and Chemical Characteristics of White Mineral Trioxide Aggregate Associated with 2 Different Vehicles in Contact with Blood. Journal of Endodontics, 2015, 41, 947-952.	3.1	47
52	Evaluation of pH and Calcium Ion Release of Root-end Filling Materials Containing Calcium Hydroxide or Mineral Trioxide Aggregate. Journal of Endodontics, 2009, 35, 1418-1421.	3.1	46
53	Influence of Ultrasonic Activation of 4 Root Canal Sealers on the Filling Quality. Journal of Endodontics, 2014, 40, 964-968.	3.1	46
54	Radiopacity evaluation of root canal sealers containing calcium hydroxide and MTA. Brazilian Oral Research, 2009, 23, 119-123.	1.4	45

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55	Tissue dissolution and modifications in dentin composition by different sodium hypochlorite concentrations. Journal of Applied Oral Science, 2016, 24, 291-298.	1.8	44
56	Physicochemical properties of calcium silicate cements associated with microparticulate and nanoparticulate radiopacifiers. Clinical Oral Investigations, 2016, 20, 83-90.	3.0	43
57	Evaluation of pH Levels and Surface Roughness After Bleaching and Abrasion Tests of Eight Commercial Products. Photomedicine and Laser Surgery, 2015, 33, 372-377.	2.0	41
58	Physicochemical properties of calcium silicate-based formulations MTA Repair HP and MTA Vitalcem. Journal of Applied Oral Science, 2018, 26, e2017115.	1.8	40
59	Effect of temperature on the cyclic fatigue resistance of thermally treated reciprocating instruments. Clinical Oral Investigations, 2019, 23, 3047-3052.	3.0	39
60	Evaluation of pH and Calcium Ion Release of Calcium Hydroxide Pastes Containing Different Substances. Journal of Endodontics, 2009, 35, 1274-1277.	3.1	38
61	Evaluation of tissue response to MTA and Portland cement with iodoform. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2006, 102, 417-421.	1.4	37
62	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
63	The Effect of Larger Apical Preparations in the Danger ZoneÂof Lower Molars Prepared Using the Mtwo and ReciprocÂSystems. Journal of Endodontics, 2014, 40, 1855-1859.	3.1	36
64	Analysis of the effects of several decalcifying agents alone and in combination with sodium hypochlorite on the chemical composition of dentine. International Endodontic Journal, 2018, 51, e42-e54.	5.0	36
65	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
66	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
67	Ex vivo biocompatibility tests of regular and white forms of mineral trioxide aggregate. International Endodontic Journal, 2006, 39, 26-30.	5.0	34
68	Zinc Oxide Inhibits Dental Discoloration Caused by White Mineral Trioxide Aggregate Angelus. Journal of Endodontics, 2017, 43, 1001-1007.	3.1	34
69	A new improved protocol for in vitro intratubular dentinal bacterial contamination for antimicrobial endodontic tests: standardization and validation by confocal laser scanning microscopy. Journal of Applied Oral Science, 2015, 23, 591-598.	1.8	33
70	Effect of passive ultrassonic instrumentation as a final irrigation protocol on debris and smear layer removalâ€"a sem analysis. Microscopy Research and Technique, 2013, 76, 496-502.	2.2	32
71	Efficacy of CM-Wire, M-Wire, and Nickel-Titanium Instruments for Removing FillingÂMaterial from Curved Root Canals: AÂMicroâ€"Computed Tomography Study. Journal of Endodontics, 2016, 42, 1651-1655.	3.1	32
72	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

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73	Evaluation of Apical Cavity Preparation With a New Type of Ultrasonic Diamond Tip. Journal of Endodontics, 2007, 33, 484-487.	3.1	31
74	Effectiveness of Final Irrigant Protocols for Debris Removal from Simulated Canal Irregularities. Journal of Endodontics, 2014, 40, 2009-2014.	3.1	31
75	Mixture of alkaline tetrasodium EDTA with sodium hypochlorite promotes inÂvitro smear layer removal and organic matter dissolution during biomechanical preparation. International Endodontic Journal, 2017, 50, 106-114.	5.0	31
76	Antimicrobial action of photodynamic therapy in root canals using LED curing light, curcumin and carbopol gel. International Endodontic Journal, 2019, 52, 1010-1019.	5.0	31
77	Micro-CT Evaluation of Root Filling Removal after Three Stages of Retreatment Procedure. Brazilian Dental Journal, 2015, 26, 612-618.	1.1	30
78	Evaluation of Physicochemical Properties of a New Root Canal Sealer. Journal of Endodontics, 2018, 44, 501-505.	3.1	30
79	Fibrin Sealant Derived from Human Plasma as a Scaffold for Bone Grafts Associated with Photobiomodulation Therapy. International Journal of Molecular Sciences, 2019, 20, 1761.	4.1	30
80	Interfacial adaptation of an epoxy-resin sealer and a self-etch sealer to root canal dentin using the System B or the single cone technique. Brazilian Dental Journal, 2012, 23, 205-211.	1.1	29
81	Physical and Chemical Properties and Subcutaneous Implantation of Mineral Trioxide Aggregate Mixed with Propylene Glycol. Journal of Endodontics, 2016, 42, 474-479.	3.1	29
82	Intratubular decontamination ability and physicochemical properties of calcium hydroxide pastes. Clinical Oral Investigations, 2019, 23, 1253-1262.	3.0	29
83	Effectiveness of five instruments when removing calcium hydroxide paste from simulated internal root resorption cavities in extracted maxillary central incisors. International Endodontic Journal, 2020, 53, 366-375.	5.0	29
84	Effect of the Association of Nonsteroidal Anti-inflammatory and Antibiotic Drugs on Antibiofilm Activity and pH of Calcium Hydroxide Pastes. Journal of Endodontics, 2017, 43, 131-134.	3.1	28
85	Calcium and hydroxide release from different pulp-capping materials. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2007, 104, e66-e69.	1.4	27
86	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
87	Antimicrobial activity of intracanal medications against both Enterococcus faecalis and <scp>Candida albicans</scp> biofilm. Microscopy Research and Technique, 2019, 82, 494-500.	2.2	27
88	Accuracy of five electronic foramen locators with different operating systems: an ex vivo study. Journal of Applied Oral Science, 2013, 21, 132-137.	1.8	26
89	In Vitro Alkaline pH Resistance of Enterococcus faecalis. Brazilian Dental Journal, 2013, 24, 474-476.	1.1	26
90	Prevalence and morphometric analysis of three-rooted mandibular first molars in a Brazilian subpopulation. Journal of Applied Oral Science, 2016, 24, 535-542.	1.8	26

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91	Zoledronic Acid Induces Site-Specific Structural Changes and Decreases Vascular Area in the Alveolar Bone. Journal of Oral and Maxillofacial Surgery, 2018, 76, 1893-1901.	1.2	26
92	Ions Release and pH of Calcium Hydroxide-, Chlorhexidine- and Bioactive Glass-Based Endodontic Medicaments. Brazilian Dental Journal, 2016, 27, 325-331.	1.1	25
93	Penetrability of a new endodontic sealer: A confocal laser scanning microscopy evaluation. Microscopy Research and Technique, 2018, 81, 1246-1249.	2.2	25
94	Efficacy of ultrasonic activation of NaOCl and orange oil in removing filling material from mesial canals of mandibular molars with and without isthmus. Journal of Applied Oral Science, 2016, 24, 37-44.	1.8	24
95	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
96	Chemical-physical Properties and Apatite-forming Ability of Mineral Trioxide Aggregate Flow. Journal of Endodontics, 2017, 43, 1692-1696.	3.1	24
97	Photobiomodulation Therapy Associated with Heterologous Fibrin Biopolymer and Bovine Bone Matrix Helps to Reconstruct Long Bones. Biomolecules, 2020, 10, 383.	4.0	24
98	Volumetric Analysis of Irrigant Extrusion in Immature Teeth after Different Final Agitation Techniques. Journal of Endodontics, 2020, 46, 682-687.	3.1	24
99	Antimicrobial activity of calcium hydroxide and chlorhexidine on intratubular Candida albicans. International Journal of Oral Science, 2013, 5, 32-36.	8.6	23
100	Microâ€“computed Tomographic Analysis of Mandibular Second Molars with C-shaped Root Canals. Journal of Endodontics, 2015, 41, 890-895.	3.1	23
101	The effect of mixing method on tricalcium silicateâ€based cement. International Endodontic Journal, 2018, 51, 69-78.	5.0	23
102	A matched irrigation and obturation strategy for root canal therapy. Scientific Reports, 2021, 11, 4666.	3.3	23
103	Determination of pH and calcium ion release provided by pure and calcium hydroxide-containing AHPlus. International Endodontic Journal, 2004, 37, 42-45.	5.0	22
104	Ultrasonic Chemical Vapor Depositionâ€“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
105	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
106	Confocal microscopy assessment of filling material remaining on root canal walls after retreatment. International Endodontic Journal, 2014, 47, 264-270.	5.0	22
107	Diode laser irradiation increases microtensile bond strength of dentin. Brazilian Oral Research, 2015, 29, 01-05.	1.4	22
108	Effectiveness of rotary or manual techniques for removing a 6-year-old filling material. Brazilian Dental Journal, 2010, 21, 148-152.	1.1	21

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109	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
110	Filling Effectiveness and Dentinal Penetration of Endodontic Sealers: A Stereo and Confocal Laser Scanning Microscopy Study. Brazilian Dental Journal, 2015, 26, 541-546.	1.1	21
111	Shaping ability of rotary or reciprocating systems for oval root canal preparation: a micro-computed tomography study. Clinical Oral Investigations, 2018, 22, 3189-3194.	3.0	21
112	Evaluation of single root canals filled using the lateral compaction, tagger's hybrid, microseal and guttaflow techniques. Brazilian Dental Journal, 2010, 21, 411-415.	1.1	20
113	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
114	Comparison of two methods of irrigant agitation in the removal of residual filling material in retreatment. Brazilian Oral Research, 2017, 31, e113.	1.4	20
115	Effect of Ultrasonic Activation on pH and Calcium Released by Calcium Hydroxide Pastes in Simulated External Root Resorption. Journal of Endodontics, 2012, 38, 834-837.	3.1	19
116	Evaluation of epoxy resin sealer after three root canal filling techniques by confocal laser scanning microscopy. Microscopy Research and Technique, 2012, 75, 1277-1280.	2.2	19
117	Experimental Calcium Silicate-Based Cement with and without Zirconium Oxide Modulates Fibroblasts Viability. Brazilian Dental Journal, 2015, 26, 587-591.	1.1	19
118	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
119	Comparison of efficiency of the retreatment procedure between Wave One Gold and Wave One systems by Micro-CT and confocal microscopy: an in vitro study. Clinical Oral Investigations, 2019, 23, 337-343.	3.0	19
120	Comparative radiographic and histological analyses of periapical lesion development. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 107, 442-447.	1.4	18
121	Use of a 660-nm Laser to Aid in the Healing of Necrotic Alveolar Mucosa Caused by Extruded Sodium Hypochlorite: AÂCase Report. Journal of Endodontics, 2015, 41, 1899-1902.	3.1	18
122	Evaluation of Different Passive Ultrasonic Irrigation Protocols on the Removal of Dentinal Debris from Artificial Grooves. Brazilian Dental Journal, 2016, 27, 568-572.	1.1	18
123	Torsional fatigue resistance of pathfinding instruments manufactured from several nickelâ€titanium alloys. International Endodontic Journal, 2018, 51, 697-704.	5.0	18
124	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
125	Effect of the combination of several irrigants on dentine surface properties, adsorption of chlorhexidine and adhesion of microorganisms to dentine. International Endodontic Journal, 2018, 51, 1420-1433.	5.0	18
126	Photobiomodulation Therapy on the Guided Bone Regeneration Process in Defects Filled by Biphasic Calcium Phosphate Associated with Fibrin Biopolymer. Molecules, 2021, 26, 847.	3.8	18

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127	Dentinal Tubule Penetration of a Calcium Silicate-Based Root Canal Sealer Using a Specific Calcium Fluorophore. Brazilian Dental Journal, 2020, 31, 109-115.	1.1	18
128	Evaluation of apical surface roughness after root resection: a scanning electron microscopic study. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2007, 104, e74-e76.	1.4	17
129	Chronic Suppurative Otitis Media in Cleft Palate: Microorganism Etiology and Susceptibilities. Cleft Palate-Craniofacial Journal, 2009, 46, 461-467.	0.9	17
130	Apical third enlargement of the root canal and its relationship with the repair of periapical lesions. European Journal of Dentistry, 2012, 06, 385-388.	1.7	17
131	Apical adaptation, sealing ability and push-out bond strength of five root-end filling materials. Brazilian Oral Research, 2014, 28, 1-6.	1.4	17
132	Intradentinal antimicrobial action and filling quality promoted by ultrasonic agitation of epoxy resin-based sealer in endodontic obturation. Journal of Applied Oral Science, 2017, 25, 641-649.	1.8	17
133	Influence of CBCT-based volumetric distortion and beam hardening artefacts on the assessment of root canal filling quality in isthmus-containing molars. Dentomaxillofacial Radiology, 2021, 50, 20200503.	2.7	17
134	Temperature Changes in Gutta-Percha and Resilon Cones Induced by a Thermomechanical Compaction Technique. Journal of Endodontics, 2009, 35, 879-882.	3.1	16
135	Characterization of calcium oxide in root perforation sealer materials. Brazilian Dental Journal, 2012, 23, 539-546.	1.1	16
136	Effect of ultrasonic streaming on intra-dentinal disinfection and penetration of calcium hydroxide paste in endodontic treatment. Journal of Applied Oral Science, 2016, 24, 575-581.	1.8	16
137	Canal Transportation, Centering Ability, and Cyclic Fatigue Promoted by Twisted File Adaptive and Navigator EVO Instruments at Different Motions. Journal of Endodontics, 2018, 44, 1425-1429.	3.1	16
138	In vivo accuracy of conventional and digital radiographic methods in confirming root canal working length determination by Root ZX. Journal of Applied Oral Science, 2012, 20, 522-525.	1.8	15
139	Biocompatibility and setting time of CPM-MTA and white Portland cement clinker with or without calcium sulfate. Journal of Applied Oral Science, 2013, 21, 32-36.	1.8	15
140	The impact of the addition of iodoform on the physicochemical properties of an epoxy-based endodontic sealer. Journal of Applied Oral Science, 2014, 22, 125-130.	1.8	15
141	Comparison of the effects of TripleGates and Gates-Glidden burs on cervical dentin thickness and root canal area by using cone beam computed tomography. Journal of Applied Oral Science, 2015, 23, 164-168.	1.8	15
142	Inflammatory response and macrophage polarization using different physicochemical biomaterials for oral and maxillofacial reconstruction. Materials Science and Engineering C, 2020, 107, 110229.	7.3	15
143	Cyclic Fatigue Resistance of Nickel-Titanium Reciprocating Instruments after Simulated Clinical Use. Journal of Endodontics, 2020, 46, 1771-1775.	3.1	15
144	Apicectomy with the Er:YAG Laser or Bur, Followed by Retrograde Root Filling with Zinc Oxide/Eugenol or Sealer 26. Photomedicine and Laser Surgery, 2005, 23, 395-398.	2.0	14

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145	Influence of calcium hydroxide addition to AH Plus sealer on its biocompatibility. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, e50-e54.	1.4	14
146	Effect of larger apical size on the quality of preparation in curved canals using reciprocating instruments with different heat thermal treatments. International Endodontic Journal, 2019, 52, 1652-1659.	5.0	14
147	The ability of three nickelâ€“titanium mechanized systems to negotiate and shape <scp>MB</scp>2 canals in extracted maxillary first molars: a microâ€computed tomographic study. International Endodontic Journal, 2019, 52, 847-856.	5.0	14
148	Physical, chemical, and biological properties of white MTA with additions of AlF3. Clinical Oral Investigations, 2019, 23, 33-41.	3.0	14
149	Shaping ability of hand, rotary and reciprocating files in primary teeth: a micro-CT study in vitro. European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry, 2021, 22, 195-201.	1.9	14
150	The presence of smear layer affects the antimicrobial action of root canal sealers. International Endodontic Journal, 2021, 54, 1369-1382.	5.0	14
151	Antimicrobial Activity and Physicochemical Properties of Antibiotic Pastes Used In Regenerative Endodontics. Brazilian Dental Journal, 2019, 30, 536-541.	1.1	14
152	Genotoxicity in primary human peripheral lymphocytes after exposure to radiopacifiers inÂvitro. Journal of Materials Science: Materials in Medicine, 2008, 19, 601-605.	3.6	13
153	Effect of the time-point of acid etching on the persistence of sealer residues after using different dental cleaning protocols. Brazilian Oral Research, 2016, 30, e133.	1.4	13
154	Effect of association of non-steroidal anti-inflammatory and antibiotic agents with calcium hydroxide pastes on their cytotoxicity and biocompatibility. Clinical Oral Investigations, 2020, 24, 757-763.	3.0	13
155	Influence of radiopacifying agents on the solubility, pH and antimicrobial activity of portland cement. Brazilian Dental Journal, 2012, 23, 515-520.	1.1	12
156	Analysis of the color alteration and radiopacity promoted by bismuth oxide in calcium silicate cement. Brazilian Oral Research, 2013, 27, 318-323.	1.4	12
157	Effects of calcium hydroxide addition on the physical and chemical properties of a calcium silicate-based sealer. Journal of Applied Oral Science, 2014, 22, 180-184.	1.8	12
158	Rat subcutaneous tissue response to calcium silicate containing different arsenic concentrations. Journal of Applied Oral Science, 2015, 23, 42-48.	1.8	12
159	Diagnostic Accuracy of Quantitative Sensory Testing toÂDiscriminate Inflammatory Toothache and IntraoralÂNeuropathic Pain. Journal of Endodontics, 2015, 41, 1606-1613.	3.1	12
160	The effect of radiopacifiers agents on p<scp>H</scp>, calcium release, radiopacity, and antimicrobial properties of different calcium hydroxide dressings. Microscopy Research and Technique, 2015, 78, 620-625.	2.2	12
161	A novel ultrasonic tip for removal of filling material in flattened/oval-shaped root canals: a microCT study. Brazilian Oral Research, 2018, 32, e88.	1.4	12
162	Elastin-derived scaffolding associated or not with bone morphogenetic protein (BMP) or hydroxyapatite (HA) in the repair process of metaphyseal bone defects. PLoS ONE, 2020, 15, e0231112.	2.5	12

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163	Comparison of marginal adaptation and internal fit of monolithic lithium disilicate crowns produced by 4 different CAD/CAM systems. Clinical Oral Investigations, 2021, 25, 2029-2036.	3.0	12
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