

Emmanuel João Nogueira Leal Silva

List of Publications by Year in descending order

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263
papers

5,879
citations

81900

39
h-index

133252

59
g-index

264
all docs

264
docs citations

264
times ranked

3390
citing authors

#	ARTICLE	IF	CITATIONS
1	Blue Thermomechanical Treatment Optimizes Fatigue Resistance and Flexibility of the Reciproc Files. <i>Journal of Endodontics</i> , 2017, 43, 462-466.	3.1	203
2	Evaluation of Cytotoxicity and Physicochemical Properties of Calcium Silicate-based Endodontic Sealer MTA Fillapex. <i>Journal of Endodontics</i> , 2013, 39, 274-277.	3.1	172
3	Lack of Causal Relationship between Dentinal Microcracks and Root Canal Preparation with Reciprocation Systems. <i>Journal of Endodontics</i> , 2014, 40, 1447-1450.	3.1	153
4	Evaluation of Root Canal Configuration of Maxillary Molars in a Brazilian Population Using Cone-beam Computed Tomographic Imaging: An In Vivo Study. <i>Journal of Endodontics</i> , 2014, 40, 173-176.	3.1	109
5	Micro-computed Tomographic Assessment on the Effect of ProTaper Next and Twisted File Adaptive Systems on Dentinal Cracks. <i>Journal of Endodontics</i> , 2015, 41, 1116-1119.	3.1	109
6	Influence of Access Cavity Design on Root Canal Detection, Instrumentation Efficacy, and Fracture Resistance Assessed in Maxillary Molars. <i>Journal of Endodontics</i> , 2017, 43, 1657-1662.	3.1	107
7	Evaluation of Root Canal Configuration of Mandibular Molars in a Brazilian Population by Using Cone-beam Computed Tomography: An In Vivo Study. <i>Journal of Endodontics</i> , 2013, 39, 849-852.	3.1	105
8	Apically extruded dentin debris by reciprocating single-file and multi-file rotary system. <i>Clinical Oral Investigations</i> , 2015, 19, 357-361.	3.0	105
9	Physical Properties of MTA Fillapex Sealer. <i>Journal of Endodontics</i> , 2013, 39, 915-918.	3.1	102
10	Effectiveness of XPendo Finisher and XPendo Finisher R in removing root filling remnants: a micro-CT study. <i>International Endodontic Journal</i> , 2018, 51, 86-91.	5.0	89
11	Reciprocating Versus Rotary Systems for Root Filling Removal: Assessment of the Apically Extruded Material. <i>Journal of Endodontics</i> , 2014, 40, 2077-2080.	3.1	86
12	Micro-CT assessment of the shaping ability of four root canal instrumentation systems in oval-shaped canals. <i>International Endodontic Journal</i> , 2018, 51, 564-571.	5.0	82
13	Accumulated Hard Tissue Debris Produced during Reciprocating and Rotary Nickel-Titanium Canal Preparation. <i>Journal of Endodontics</i> , 2015, 41, 676-681.	3.1	81
14	Prevalence Studies on Root Canal Anatomy Using Cone-beam Computed Tomographic Imaging: A Systematic Review. <i>Journal of Endodontics</i> , 2019, 45, 372-386.e4.	3.1	74
15	Bending Resistance and Dynamic and Static Cyclic Fatigue Life of Reciproc and WaveOne Large Instruments. <i>Journal of Endodontics</i> , 2014, 40, 575-579.	3.1	72
16	Postoperative Pain after Foraminal Enlargement in Anterior Teeth with Necrosis and Apical Periodontitis: A Prospective and Randomized Clinical Trial. <i>Journal of Endodontics</i> , 2013, 39, 173-176.	3.1	71
17	Micro-CT Evaluation of Non-instrumented Canal Areas with Different Enlargements Performed by NiTi Systems. <i>Brazilian Dental Journal</i> , 2015, 26, 624-629.	1.1	70
18	Dissolution, dislocation and dimensional changes of endodontic sealers after a solubility challenge: a micro-CT approach. <i>International Endodontic Journal</i> , 2017, 50, 407-414.	5.0	59

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19	Impact of contracted endodontic cavities on fracture resistance of endodontically treated teeth: a systematic review of in vitro studies. <i>Clinical Oral Investigations</i> , 2018, 22, 109-118.	3.0	59
20	Current status on minimal access cavity preparations: a critical analysis and a proposal for a universal nomenclature. <i>International Endodontic Journal</i> , 2020, 53, 1618-1635.	5.0	59
21	Cyclic and Torsional Fatigue Resistance of XP-endo Shaper and TRUShape Instruments. <i>Journal of Endodontics</i> , 2018, 44, 168-172.	3.1	56
22	Prevalence of C-shaped canal morphology using cone beam computed tomography – a systematic review with meta-analysis. <i>International Endodontic Journal</i> , 2019, 52, 1556-1572.	5.0	56
23	Micro-CT comparison of XP-endo Finisher and passive ultrasonic irrigation as final irrigation protocols on the removal of accumulated hard-tissue debris from oval shaped-canals. <i>Clinical Oral Investigations</i> , 2019, 23, 3087-3093.	3.0	56
24	Comparison of apically extruded debris after large apical preparations by full-sequence rotary and single-file reciprocating systems. <i>International Endodontic Journal</i> , 2016, 49, 700-705.	5.0	55
25	Long-term cytotoxic effects of contemporary root canal sealers. <i>Journal of Applied Oral Science</i> , 2013, 21, 43-47.	1.8	53
26	Postoperative Pain after Endodontic Retreatment Using Rotary or Reciprocating Instruments: A Randomized Clinical Trial. <i>Journal of Endodontics</i> , 2017, 43, 1084-1088.	3.1	53
27	Dentinal Microcrack Development after Canal Preparation: A Longitudinal in Situ Micro-computed Tomography Study Using a Cadaver Model. <i>Journal of Endodontics</i> , 2017, 43, 1553-1558.	3.1	53
28	Does ultraconservative access affect the efficacy of root canal treatment and the fracture resistance of two-rooted maxillary premolars?. <i>International Endodontic Journal</i> , 2020, 53, 265-275.	5.0	53
29	XP-endo Finisher R instrument optimizes the removal of root filling remnants in oval-shaped canals. <i>International Endodontic Journal</i> , 2019, 52, 899-907.	5.0	52
30	Do smear-layer removal agents affect the push-out bond strength of calcium silicate-based endodontic sealers?. <i>International Endodontic Journal</i> , 2017, 50, 612-619.	5.0	51
31	Influence of Endodontic Treatment and Coronal Restoration on Status of Periapical Tissues: A Cone-beam Computed Tomographic Study. <i>Journal of Endodontics</i> , 2015, 41, 1614-1618.	3.1	49
32	Micro-CT evaluation of different final irrigation protocols on the removal of hard-tissue debris from isthmus-containing mesial root of mandibular molars. <i>Clinical Oral Investigations</i> , 2019, 23, 681-687.	3.0	48
33	Antimicrobial and cytotoxic effects of phosphoric acid solution compared to other root canal irrigants. <i>Journal of Applied Oral Science</i> , 2015, 23, 158-163.	1.8	45
34	Exploiting the potential of free software to evaluate root canal biomechanical preparation outcomes through micro-CT images. <i>International Endodontic Journal</i> , 2015, 48, 1033-1042.	5.0	45
35	Assessment of Apically Extruded Debris Produced by the Self-Adjusting File System. <i>Journal of Endodontics</i> , 2014, 40, 526-529.	3.1	44
36	Cyclic fatigue using severely curved canals and torsional resistance of thermally treated reciprocating instruments. <i>Clinical Oral Investigations</i> , 2018, 22, 2633-2638.	3.0	44

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37	Root dentinal microcracks: a post-extraction experimental phenomenon?. International Endodontic Journal, 2019, 52, 857-865.	5.0	44
38	Cytocompatibility of calcium silicate-based sealers in a three-dimensional cell culture model. Clinical Oral Investigations, 2017, 21, 1531-1536.	3.0	43
39	Physicochemical, cytotoxicity and in vivo biocompatibility of a high-plasticity calcium-silicate based material. Scientific Reports, 2019, 9, 3933.	3.3	43
40	Second mesiobuccal root canal in maxillary molars – A systematic review and meta-analysis of prevalence studies using cone beam computed tomography. Archives of Oral Biology, 2020, 113, 104589.	1.8	43
41	Frequency of root resorption following trauma to permanent teeth. Journal of Oral Science, 2015, 57, 73-78.	1.7	42
42	Anatomical danger zone reconsidered: a micro-CT study on dentine thickness in mandibular molars. International Endodontic Journal, 2019, 52, 1501-1507.	5.0	42
43	Push-out Bond Strength of Injectable Pozzolan-based Root Canal Sealer. Journal of Endodontics, 2016, 42, 1656-1659.	3.1	41
44	Impact of needle insertion depth on the removal of hard tissue debris. International Endodontic Journal, 2017, 50, 560-568.	5.0	41
45	Mechanical Tests, Metallurgical Characterization, and Shaping Ability of Nickel-Titanium Rotary Instruments: A Multimethod Research. Journal of Endodontics, 2020, 46, 1485-1494.	3.1	41
46	Effectiveness of rotatory and reciprocating movements in root canal filling material removal. Brazilian Oral Research, 2015, 29, 01-06.	1.4	40
47	The influence of endodontic access cavity design on the efficacy of canal instrumentation, microbial reduction, root canal filling and fracture resistance in mandibular molars. International Endodontic Journal, 2020, 53, 1666-1679.	5.0	40
48	Micro-computed Tomography Assessment of Dentinal Micro-cracks after Root Canal Preparation with TRUShape and Self-adjusting File Systems. Journal of Endodontics, 2017, 43, 619-622.	3.1	39
49	Design, metallurgical features, mechanical performance and canal preparation of six reciprocating instruments. International Endodontic Journal, 2021, 54, 1623-1637.	5.0	39
50	The effect of ozone therapy in root canal disinfection: a systematic review. International Endodontic Journal, 2020, 53, 317-332.	5.0	38
51	Creation of well-balanced experimental groups for comparative endodontic laboratory studies: a new proposal based on micro-CT and in silico methods. International Endodontic Journal, 2020, 53, 974-985.	5.0	38
52	Evaluation of cytotoxicity and up-regulation of gelatinases in human fibroblast cells by four root canal sealers. International Endodontic Journal, 2012, 45, 49-56.	5.0	37
53	Push-out bond strength of MTA HP, a new high-plasticity calcium silicate-based cement. Brazilian Oral Research, 2016, 30, .	1.4	36
54	On the Causality Between Dentinal Defects and Root Canal Preparation: A Micro-CT Assessment. Brazilian Dental Journal, 2016, 27, 664-669.	1.1	36

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55	Micro-CT computed Tomography Shaping Ability Assessment of the New Blue Thermal Treated Reciproc Instrument. <i>Journal of Endodontics</i> , 2018, 44, 1146-1150.	3.1	35
56	Quantitative Transportation Assessment in Simulated Curved Canals Prepared with an Adaptive Movement System. <i>Journal of Endodontics</i> , 2015, 41, 1125-1129.	3.1	34
57	3-dimensional Ability Assessment in Removing Root Filling Material from Pair-matched Oval-shaped Canals Using Thermal-treated Instruments. <i>Journal of Endodontics</i> , 2019, 45, 1135-1141.	3.1	34
58	Solubility of bioceramic and epoxy resin based root canal sealers: A systematic review and meta-analysis. <i>Australian Endodontic Journal</i> , 2021, 47, 690-702.	1.5	34
59	Cytocompatibility of Biodentine using a three-dimensional cell culture model. <i>International Endodontic Journal</i> , 2016, 49, 574-580.	5.0	33
60	Assessing pulp stones by cone-beam computed tomography. <i>Clinical Oral Investigations</i> , 2017, 21, 2327-2333.	3.0	33
61	Shaping efficiency as a function of time of a new heat-treated instrument. <i>International Endodontic Journal</i> , 2019, 52, 337-342.	5.0	33
62	Effectiveness of Reciproc Blue in removing canal filling material and regaining apical patency. <i>International Endodontic Journal</i> , 2019, 52, 250-257.	5.0	33
63	A laboratory study of the impact of ultraconservative access cavities and minimal root canal tapers on the ability to shape canals in extracted mandibular molars and their fracture resistance. <i>International Endodontic Journal</i> , 2020, 53, 1516-1529.	5.0	32
64	Influence of minimally invasive endodontic access cavities on root canal shaping and filling ability, pulp chamber cleaning and fracture resistance of extracted human mandibular incisors. <i>International Endodontic Journal</i> , 2020, 53, 1530-1539.	5.0	32
65	Influence of heat treatment on torsional resistance and surface roughness of nickel-titanium instruments. <i>International Endodontic Journal</i> , 2019, 52, 1645-1651.	5.0	31
66	Scouting Ability of 4 Pathfinding Instruments in Moderately Curved Molar Canals. <i>Journal of Endodontics</i> , 2016, 42, 1540-1544.	3.1	30
67	S100A8/A9 regulates MMP-2 expression and invasion and migration by carcinoma cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 55, 279-287.	2.8	29
68	Comparison of canal transportation in simulated curved canals prepared with ProTaper Universal and ProTaper Gold systems. <i>Restorative Dentistry & Endodontics</i> , 2016, 41, 1.	1.5	29
69	Torsional Fatigue Resistance of Blue-treated Reciprocating Instruments. <i>Journal of Endodontics</i> , 2018, 44, 1038-1041.	3.1	29
70	Vitality Tests for Pulp Diagnosis of Traumatized Teeth: A Systematic Review. <i>Journal of Endodontics</i> , 2019, 45, 490-499.	3.1	29
71	Preferred Reporting Items for Epidemiologic Cross-sectional Studies on Root and Root Canal Anatomy Using Cone-beam Computed Tomographic Technology: A Systematized Assessment. <i>Journal of Endodontics</i> , 2020, 46, 915-935.	3.1	29
72	Present status and future directions of Minimal endodontic access cavities. <i>International Endodontic Journal</i> , 2022, 55, 531-587.	5.0	29

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73	Evaluation of cytotoxicity and up-regulation of gelatinases in fibroblast cells by three root repair materials. <i>International Endodontic Journal</i> , 2012, 45, 815-820.	5.0	28
74	Microcomputed tomographic evaluation of canal transportation and centring ability of ProTaper Next and Twisted File Adaptive systems. <i>International Endodontic Journal</i> , 2017, 50, 694-699.	5.0	28
75	The Apical Root Canal System of Teeth with Posttreatment Apical Periodontitis: Correlating Microbiologic, Tomographic, and Histopathologic Findings. <i>Journal of Endodontics</i> , 2020, 46, 1195-1203.	3.1	28
76	Evaluation of Gelatinases, Tissue Inhibitor of Matrix Metalloproteinase-2, and Myeloperoxidase Protein in Healthy and Inflamed Human Dental Pulp Tissue. <i>Journal of Endodontics</i> , 2013, 39, 879-882.	3.1	27
77	Suboptimal push-out bond strengths of calcium silicate-based sealers. <i>International Endodontic Journal</i> , 2016, 49, 796-801.	5.0	27
78	Untouched canal areas and debris accumulation after root canal preparation with rotary and adaptive systems. <i>Australian Endodontic Journal</i> , 2018, 44, 260-266.	1.5	27
79	Long-Term Cytotoxicity, pH and Dissolution Rate of AH Plus and MTA Fillapex. <i>Brazilian Dental Journal</i> , 2016, 27, 419-423.	1.1	26
80	Bending Resistance and Cyclic Fatigue Life of Reciproc, Unicone, and WaveOne Reciprocating Instruments. <i>Journal of Endodontics</i> , 2016, 42, 1789-1793.	3.1	23
81	Micro-CT assessment of dentinal microcracks after root canal filling procedures. <i>International Endodontic Journal</i> , 2017, 50, 895-901.	5.0	23
82	Bovine teeth can reliably substitute human dentine in an intra-tooth push-out bond strength model?. <i>International Endodontic Journal</i> , 2019, 52, 1063-1069.	5.0	23
83	Influence of Demographic Factors on the Prevalence of a Second Root Canal in Mandibular Anterior Teeth – A Systematic Review and Meta-Analysis of Cross-Sectional Studies Using Cone Beam Computed Tomography. <i>Archives of Oral Biology</i> , 2020, 116, 104749.	1.8	23
84	Influence of access cavity design and use of operating microscope and ultrasonic troughing to detect middle mesial canals in extracted mandibular first molars. <i>International Endodontic Journal</i> , 2020, 53, 1430-1437.	5.0	23
85	Does tobacco smoking predispose to apical periodontitis and endodontic treatment need? A systematic review and meta-analysis. <i>International Endodontic Journal</i> , 2020, 53, 1068-1083.	5.0	23
86	A critical analysis of research methods and experimental models to study dentinal microcracks. <i>International Endodontic Journal</i> , 2022, 55, 178-226.	5.0	23
87	Influence of working length and apical preparation size on apical bacterial extrusion during reciprocating instrumentation. <i>International Endodontic Journal</i> , 2015, 48, 648-653.	5.0	22
88	Safe Mechanical Preparation with Reciprocation Movement without Glide Path Creation: Result from a Pool of 673 Root Canals. <i>Brazilian Dental Journal</i> , 2016, 27, 22-27.	1.1	22
89	Push-out Bond Strength of Fast-setting Mineral Trioxide Aggregate and Pozzolan-based Cements: ENDOCEM MTA and ENDOCEM Zr. <i>Journal of Endodontics</i> , 2017, 43, 801-804.	3.1	22
90	Effectiveness of passive ultrasonic irrigation on periapical healing and root canal disinfection: a systematic review. <i>British Dental Journal</i> , 2019, 227, 228-234.	0.6	22

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91	The impact of minimally invasive root canal preparation strategies on the ability to shape root canals of mandibular molars. <i>International Endodontic Journal</i> , 2020, 53, 1680-1688.	5.0	22
92	Influence of Kinematics on the Cyclic Fatigue Resistance of Replicalike and Original Brand Rotary Instruments. <i>Journal of Endodontics</i> , 2020, 46, 1136-1143.	3.1	22
93	The Impact of TruNatomy and ProTaper Gold Instruments on the Preservation of the Periradicular Dentin and on the Enlargement of the Apical Canal of Mandibular Molars. <i>Journal of Endodontics</i> , 2022, 48, 650-658.	3.1	22
94	Glycolic acid as the final irrigant in endodontics: Mechanical and cytotoxic effects. <i>Materials Science and Engineering C</i> , 2019, 100, 323-329.	7.3	21
95	Efficacy of different final irrigant activation protocols on smear layer removal by <scp>EDTA</scp> and citric acid. <i>Microscopy Research and Technique</i> , 2013, 76, 364-369.	2.2	20
96	Influence of cone beam CT enhancement filters on diagnosis ability of longitudinal root fractures. <i>Dentomaxillofacial Radiology</i> , 2014, 43, 20130374.	2.7	19
97	Dislodgment Resistance of Bioceramic and Epoxy Sealers: A Systematic Review and Meta-analysis. <i>Journal of Evidence-based Dental Practice</i> , 2019, 19, 221-235.	1.5	19
98	Dentinal microcracks on freshly extracted teeth: the impact of the extraction technique. <i>International Endodontic Journal</i> , 2020, 53, 440-446.	5.0	19
99	Influence of the curing mode on the degree of conversion of a dual-cured self-adhesive resin luting cement beneath ceramic. <i>Acta Odontologica Scandinavica</i> , 2013, 71, 444-448.	1.6	18
100	Comparative evaluation of push-out bond strength of a MTA-based root canal sealer. <i>Brazilian Journal of Oral Sciences</i> , 2014, 13, 114-117.	0.1	18
101	Longevity of defective direct restorations treated by minimally invasive techniques or complete replacement in permanent teeth: A systematic review. <i>Journal of Dentistry</i> , 2018, 78, 22-30.	4.1	18
102	Mechanical Performance and Metallurgical Features of ProTaper Universal and 6 Replicalike Systems. <i>Journal of Endodontics</i> , 2020, 46, 1884-1893.	3.1	18
103	Comparison of design, metallurgy, mechanical performance and shaping ability of replica-like and counterfeit instruments of the ProTaper Next system. <i>International Endodontic Journal</i> , 2021, 54, 780-792.	5.0	18
104	Evaluation of cytotoxicity, antimicrobial activity and physicochemical properties of a calcium aluminate-based endodontic material. <i>Journal of Applied Oral Science</i> , 2014, 22, 61-67.	1.8	17
105	Antimicrobial activity and substantivity of <i>Uncaria tomentosa</i> in infected root canal dentin. <i>Brazilian Oral Research</i> , 2016, 30, e61.	1.4	17
106	Cytotoxicity Profile of Endodontic Sealers Provided by 3D Cell Culture Experimental Model. <i>Brazilian Dental Journal</i> , 2016, 27, 652-656.	1.1	17
107	Relationship between Initial Attendance after Dental Trauma and Development of External Inflammatory Root Resorption. <i>Brazilian Dental Journal</i> , 2017, 28, 201-205.	1.1	17
108	Influence of ultraconservative access cavities on instrumentation efficacy with XPendo Shaper and Reciproc, filling ability and load capacity of mandibular molars subjected to thermomechanical cycling. <i>International Endodontic Journal</i> , 2021, 54, 1383-1393.	5.0	17

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109	A multiparametric assay to compare the cytotoxicity of soy milk with different storage media. <i>Dental Traumatology</i> , 2013, 29, 319-322.	2.0	16
110	Bending resistance and cyclic fatigue of a new heat-treated reciprocating instrument. <i>Scanning</i> , 2016, 38, 837-841.	1.5	16
111	Bond Strength of Experimental Root Canal Sealers Based on MTA and Butyl Ethylene Glycol Disalicylate. <i>Brazilian Dental Journal</i> , 2018, 29, 195-201.	1.1	16
112	Arrowhead design ultrasonic tip as a supplementary tool for canal debridement. <i>International Endodontic Journal</i> , 2020, 53, 410-420.	5.0	16
113	Worldwide Prevalence of a Lingual Canal in Mandibular Premolars: A Multicenter Cross-sectional Study with Meta-analysis. <i>Journal of Endodontics</i> , 2021, 47, 1253-1264.	3.1	16
114	Do orthodontic tooth movements induce pulp necrosis? A systematic review. <i>International Endodontic Journal</i> , 2021, 54, 1246-1262.	5.0	16
115	Design, Metallurgical Features, and Mechanical Behaviour of NiTi Endodontic Instruments from Five Different Heat-Treated Rotary Systems. <i>Materials</i> , 2022, 15, 1009.	2.9	16
116	Biocompatibility of a Self-adhesive Gutta-percha-based Material in Subcutaneous Tissue of Mice. <i>Journal of Endodontics</i> , 2014, 40, 1869-1873.	3.1	15
117	Comparison of the effects of TripleGates and Gates-Glidden burs on cervical dentin thickness and root canal area by using cone beam computed tomography. <i>Journal of Applied Oral Science</i> , 2015, 23, 164-168.	1.8	15
118	Evaluation of Apically Extruded Debris Using Positive and Negative Pressure Irrigation Systems in Association with Different Irrigants. <i>Brazilian Dental Journal</i> , 2018, 29, 184-188.	1.1	15
119	Torsional fatigue resistance of R&Pilot and WaveOne Gold Glider NiTi glide path reciprocating systems. <i>International Endodontic Journal</i> , 2019, 52, 874-879.	5.0	15
120	Cyclic Fatigue Resistance of Nickel-Titanium Reciprocating Instruments after Simulated Clinical Use. <i>Journal of Endodontics</i> , 2020, 46, 1771-1775.	3.1	15
121	Determining the setting of root canal sealers using an in vivo animal experimental model. <i>Clinical Oral Investigations</i> , 2021, 25, 1899-1906.	3.0	15
122	Final Endodontic Irrigation with 70% Ethanol Enhanced Calcium Hydroxide Removal from the Apical Third. <i>Journal of Endodontics</i> , 2021, 47, 105-111.	3.1	15
123	Postoperative pain after root canal filling with different endodontic sealers: a randomized clinical trial. <i>Brazilian Oral Research</i> , 2020, 34, e069.	1.4	15
124	Evaluation of root canal configuration of maxillary and mandibular anterior teeth using cone beam computed tomography: An in-vivo study. <i>Quintessence International</i> , 2016, 47, 19-24.	0.4	15
125	A critical analysis of research methods and experimental models to study root canal fillings. <i>International Endodontic Journal</i> , 2022, 55, 384-445.	5.0	15
126	What Meaningful Information Are the Instruments Mechanical Testing Giving Us? A Comprehensive Review. <i>Journal of Endodontics</i> , 2022, 48, 985-1004.	3.1	15

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127	Evaluation of the Joypex 5 and Root ZX II: an <i>in vivo</i> and <i>ex vivo</i> study. <i>International Endodontic Journal</i> , 2013, 46, 904-909.	5.0	14
128	Cytotoxicity and Gelatinolytic Activity of a New Silicon-Based Endodontic Sealer. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2015, 13, 376-380.	1.6	14
129	Influence of Apical Preparation Size and Working Length on Debris Extrusion. <i>Brazilian Dental Journal</i> , 2016, 27, 28-31.	1.1	14
130	Critical appraisal of some methodological aspects of using micro-CT technology in the study of dentinal microcracks in endodontics. <i>International Endodontic Journal</i> , 2016, 49, 216-219.	5.0	14
131	Postoperative Pain after Foraminal Instrumentation with a Reciprocating System and Different Irrigating Solutions. <i>Brazilian Dental Journal</i> , 2015, 26, 216-221.	1.1	13
132	Performance of Reciproc Blue R25 Instruments in Shaping the Canal Space without Glide Path. <i>Journal of Endodontics</i> , 2019, 45, 194-198.	3.1	13
133	Morphologic Changes of Apical Foramen and Microcrack Formation after Foraminal Enlargement: A Scanning Electron Microscopic and Micro-computed Tomographic Analysis. <i>Journal of Endodontics</i> , 2020, 46, 1726-1732.	3.1	13
134	Contrast-enhanced micro-CT to assess dental pulp tissue debridement in root canals of extracted teeth: a series of cascading experiments towards method validation. <i>International Endodontic Journal</i> , 2021, 54, 279-293.	5.0	13
135	Evaluation of Design, Metallurgy, Microhardness, and Mechanical Properties of Glide Path Instruments: A Multimethod Approach. <i>Journal of Endodontics</i> , 2021, 47, 1917-1923.	3.1	13
136	Morphological changes related to age in mesial root canals of permanent mandibular first molars. <i>Acta Odontologica Latinoamericana: AOL</i> , 2014, 27, 105-9.	0.4	13
137	Use of soymilk as a storage medium for avulsed teeth. <i>Acta Odontologica Scandinavica</i> , 2013, 71, 1101-1104.	1.6	12
138	Three-dimensional Quantitative Porosity Characterization of Syringe- versus Hand-mixed Set Epoxy Resin Root Canal Sealer. <i>Brazilian Dental Journal</i> , 2015, 26, 607-611.	1.1	12
139	Quantitative transportation assessment in curved canals prepared with an off-centered rectangular design system. <i>Brazilian Oral Research</i> , 2016, 30, e43.	1.4	12
140	The influence of number of line pairs in digital intra-oral radiography on the detection accuracy of horizontal root fractures. <i>Dental Traumatology</i> , 2016, 32, 180-184.	2.0	12
141	Mechanical Properties of Anatomic Finishing Files: XP-Endo Finisher and XP-Clean. <i>Brazilian Dental Journal</i> , 2018, 29, 208-213.	1.1	12
142	Effect of access cavity design on gaps and void formation in resin composite restorations following root canal treatment on extracted teeth. <i>International Endodontic Journal</i> , 2020, 53, 1540-1548.	5.0	12
143	C-shaped canals in mandibular molars of a Brazilian subpopulation: prevalence and root canal configuration using cone-beam computed tomography. <i>Clinical Oral Investigations</i> , 2020, 24, 3299-3305.	3.0	12
144	The influence of the addition of surfactants to sodium hypochlorite on the removal of hard tissue debris. <i>International Endodontic Journal</i> , 2020, 53, 1131-1139.	5.0	12

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145	Influence of variations in the environmental pH on the solubility and water sorption of a calcium silicate-based root canal sealer. <i>International Endodontic Journal</i> , 2021, 54, 1394-1402.	5.0	12
146	Volume and/or Time of NaOCl Influences the Fracture Strength of Endodontically Treated Bovine Teeth. <i>Brazilian Dental Journal</i> , 2019, 30, 31-35.	1.1	11
147	Bending, buckling and torsional resistance of rotary and reciprocating glide path instruments. <i>International Endodontic Journal</i> , 2020, 53, 1689-1695.	5.0	11
148	Preserving dentine in minimally invasive access cavities does not strengthen the fracture resistance of restored mandibular molars. <i>International Endodontic Journal</i> , 2021, 54, 966-974.	5.0	11
149	Effect of different final irrigation protocols on pulp tissue dissolution from an isthmus model. <i>Australian Endodontic Journal</i> , 2021, 47, 538-543.	1.5	11
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