Emmanuel João Nogueira Leal Silva

List of Publications by Year in descending order

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263 papers

5,879 citations

39 h-index 133252 59 g-index

264 all docs

264 docs citations

times ranked

264

3390 citing authors

| # | Article | IF | Citations |
|----|---|--------------|-----------|
| 1 | Shaping ability of different <scp>NiTi</scp> rotary systems during the preparation of printed mandibular molars. Australian Endodontic Journal, 2023, 49, 256-261. | 1.5 | 4 |
| 2 | Does sodium thiosulphate avoid the formation of the brownâ€coloured precipitate as an intermediate irrigant between NaOCl and chlorhexidine?. Australian Endodontic Journal, 2022, 48, 72-76. | 1.5 | 4 |
| 3 | Influence of the use of chelating agents as final irrigant on the pushâ€out bond strength of epoxy resinâ€based root canal sealers: A systematic review. Australian Endodontic Journal, 2022, 48, 347-363. | 1.5 | 10 |
| 4 | Marginal gaps and voids of three rootâ€end filling materials: A microcomputed tomographic study. Microscopy Research and Technique, 2022, 85, 617-622. | 2.2 | 4 |
| 5 | Influence of access cavity preparation on the dentine thickness of mesial canals of mandibular molars prepared with reciprocating instruments. International Endodontic Journal, 2022, 55, 113-123. | 5. 0 | 2 |
| 6 | A critical analysis of research methods and experimental models to study dentinal microcracks. International Endodontic Journal, 2022, 55, 178-226. | 5 . 0 | 23 |
| 7 | Reciprocating Movement: Mastering the Mechanical Preparation. , 2022, , 159-213. | | 0 |
| 8 | Shaping for Cleaning: Reconsidering Root Canal Debridement., 2022,, 11-72. | | 1 |
| 9 | Shaping for Cleaning in Retreatment Cases. , 2022, , 249-293. | | 0 |
| 10 | NiTi Rotary Systems: From Revolution to the "More of the Same―Phenomenon. , 2022, , 127-157. | | 0 |
| 11 | The Glide Path Matter. , 2022, , 73-125. | | 1 |
| 12 | Scientific and Educational Aspects of Reciprocating Movement. , 2022, , 215-248. | | 0 |
| 13 | Managing Canal Anatomies in the Context of Shaping for Cleaning Proposal. , 2022, , 295-370. | | 2 |
| 14 | Worldwide Assessment of the Mandibular First MolarÂSecond Distal Root and Root Canal: A Cross-sectional Study with Meta-analysis. Journal of Endodontics, 2022, 48, 223-233. | 3.1 | 9 |
| 15 | Comparison of five rotary systems regarding design, metallurgy, mechanical performance, and canal preparationâ€"a multimethod research. Clinical Oral Investigations, 2022, 26, 3299-3310. | 3.0 | 9 |
| 16 | Influence of the endodontic access cavity design and restorative technique on hard tissue removal and fracture resistance of mandibular premolars. Research, Society and Development, 2022, 11, e18511124575. | 0.1 | 1 |
| 17 | Present status and future directions – Minimal endodontic access cavities. International Endodontic Journal, 2022, 55, 531-587. | 5.0 | 29 |
| 18 | Design, Metallurgical Features, and Mechanical Behaviour of NiTi Endodontic Instruments from Five Different Heat-Treated Rotary Systems. Materials, 2022, 15, 1009. | 2.9 | 16 |

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| 19 | 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. Journal of Endodontics, 2022, 48, 650-658. | 3.1 | 22 |
| 20 | A critical analysis of research methods and experimental models to study root canal fillings. International Endodontic Journal, 2022, 55, 384-445. | 5.0 | 15 |
| 21 | Micro T assessment of gapâ€containing areas along the guttaâ€perchaâ€sealer interface in ovalâ€shaped canals. International Endodontic Journal, 2022, 55, 795-807. | 5.0 | 5 |
| 22 | Effect of glycolic acid and EDTA on dentin mechanical properties. Australian Endodontic Journal, 2022, 48, 27-31. | 1.5 | 3 |
| 23 | Confocal laser scanning microscopy evaluation of roots subjected to activation protocol in endodontic microsurgery. Australian Endodontic Journal, 2022, 48, 77-81. | 1.5 | 4 |
| 24 | Multimethod Assessment of Design, Metallurgical, and Mechanical Characteristics of Original and Counterfeit ProGlider Instruments. Materials, 2022, 15, 3971. | 2.9 | 1 |
| 25 | What Meaningful Information Are the Instruments Mechanical Testing Giving Us? A Comprehensive Review. Journal of Endodontics, 2022, 48, 985-1004. | 3.1 | 15 |
| 26 | Impact of Minimally Invasive Endodontic Procedures on the Development of Dentinal Microcracks. Journal of Endodontics, 2022, 48, 1146-1151. | 3.1 | 4 |
| 27 | Microbiological analysis of sterile and nonsterile gloves before and during root canal treatment procedures. Research, Society and Development, 2022, 11, e41711932018. | 0.1 | O |
| 28 | A Computer-Assisted Approach to Assess the Precision of the Reciprocating Angles and the Rotation Speeds of Endodontic Motors. Applied System Innovation, 2022, 5, 68. | 4.6 | 0 |
| 29 | Noncontact 3D evaluation of surface topography of reciprocating instruments after retreatment procedures. Brazilian Dental Journal, 2022, 33, 38-46. | 1.1 | 0 |
| 30 | Determining the setting of root canal sealers using an in vivo animal experimental model. Clinical Oral Investigations, 2021, 25, 1899-1906. | 3.0 | 15 |
| 31 | Final Endodontic Irrigation with 70% Ethanol Enhanced Calcium Hydroxide Removal from the Apical Third. Journal of Endodontics, 2021, 47, 105-111. | 3.1 | 15 |
| 32 | Glide Path with Reciprocating Driven Pathfinding Instrument: Performance and Fracture Rate. Journal of Endodontics, 2021, 47, 100-104. | 3.1 | 8 |
| 33 | Contrastâ€enhanced microâ€CT to assess dental pulp tissue debridement in root canals of extracted teeth: a series of cascading experiments towards method validation. International Endodontic Journal, 2021, 54, 279-293. | 5.0 | 13 |
| 34 | Does the type of endodontic access influence in the cyclic fatigue resistance of reciprocating instruments?. Clinical Oral Investigations, 2021, 25, 3691-3698. | 3.0 | 8 |
| 35 | Root groove depth and inter-orifice canal distance as anatomical predictive factors for danger zone in the mesial root of mandibular first molars. Clinical Oral Investigations, 2021, 25, 3641-3649. | 3.0 | 9 |
| 36 | Comparison of design, metallurgy, mechanical performance and shaping ability of replicaâ€like and counterfeit instruments of the ProTaper Next system. International Endodontic Journal, 2021, 54, 780-792. | 5.0 | 18 |

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| 37 | Effects of clinical use of NiTi reciprocating instruments on cyclic and torsional resistance, and on roughness. Brazilian Oral Research, 2021, 35, e021. | 1.4 | 5 |
| 38 | Shaping ability and apical debris extrusion after root canal preparation with rotary or reciprocating instruments: a micro-CT study. Restorative Dentistry & Endodontics, 2021, 46, e16. | 1.5 | 7 |
| 39 | Cytotoxicity, and antimicrobial and physicochemical properties of sealers incorporated with Uncaria tomentosa. Brazilian Oral Research, 2021, 35, e086. | 1.4 | 4 |
| 40 | Preserving dentine in minimally invasive access cavities does not strengthen the fracture resistance of restored mandibular molars. International Endodontic Journal, 2021, 54, 966-974. | 5.0 | 11 |
| 41 | Solubility of bioceramic†and epoxy resinâ€based root canal sealers: A systematic review and metaâ€analysis. Australian Endodontic Journal, 2021, 47, 690-702. | 1.5 | 34 |
| 42 | The ability of reciprocating glide path instruments to reach the full root canal working length. Australian Endodontic Journal, 2021, , . | 1.5 | 1 |
| 43 | Efficacy of an arrowâ€shaped ultrasonic tip for the removal of residual root canal filling materials. Australian Endodontic Journal, 2021, 47, 467-473. | 1.5 | 5 |
| 44 | Worldwide Prevalence of a Lingual Canal in Mandibular Premolars: A Multicenter Cross-sectional Study with Meta-analysis. Journal of Endodontics, 2021, 47, 1253-1264. | 3.1 | 16 |
| 45 | Effect of different final irrigation protocols on pulp tissue dissolution from an isthmus model. Australian Endodontic Journal, 2021, 47, 538-543. | 1.5 | 11 |
| 46 | Influence of ultraconservative access cavities on instrumentation efficacy with XPâ€endo Shaper and Reciproc, filling ability and load capacity of mandibular molars subjected to thermomechanical cycling. International Endodontic Journal, 2021, 54, 1383-1393. | 5.0 | 17 |
| 47 | Do orthodontic tooth movements induce pulp necrosis? A systematic review. International Endodontic Journal, 2021, 54, 1246-1262. | 5.0 | 16 |
| 48 | Influence of variations in the environmental pH on the solubility and water sorption of a calcium silicateâ€based root canal sealer. International Endodontic Journal, 2021, 54, 1394-1402. | 5.0 | 12 |
| 49 | Design, metallurgical features, mechanical performance and canal preparation of six reciprocating instruments. International Endodontic Journal, 2021, 54, 1623-1637. | 5.0 | 39 |
| 50 | Antibacterial, biological, and physicochemical properties of root canal sealers containing chlorhexidine-hexametaphosphate nanoparticles. Dental Materials, 2021, 37, 863-874. | 3.5 | 11 |
| 51 | Is canal overinstrumentation able to produce apical root dentinal microcracks in extracted teeth?. International Endodontic Journal, 2021, 54, 1647-1652. | 5.0 | 4 |
| 52 | Methodological proposal for evaluation of adhesion of root canal sealers to guttaâ€percha. International Endodontic Journal, 2021, 54, 1653-1658. | 5.0 | 5 |
| 53 | Evaluation of Design, Metallurgy, Microhardness, and Mechanical Properties of Glide Path Instruments: A Multimethod Approach. Journal of Endodontics, 2021, 47, 1917-1923. | 3.1 | 13 |
| 54 | Antibacterial Efficacy of Triple Antibiotic Medication With Macrogol (3Mix-MP), Traditional Triple Antibiotic Paste, Calcium Hydroxide, and Ethanol Extract of Propolis: An Intratubular Dentin ExÂVivo Confocal Laser Scanning Microscopic Study. Journal of Endodontics, 2021, 47, 1609-1616. | 3.1 | 8 |

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| 55 | Ten years of minimally invasive access cavities in Endodontics: a bibliometric analysis of the 25 most-cited studies. Restorative Dentistry & Endodontics, 2021, 46, e42. | 1.5 | 8 |
| 56 | Fracture incidence of Reciproc instruments during root canal retreatment performed by postgraduate students: a cross-sectional retrospective clinical study. Restorative Dentistry & Endodontics, 2021, 46, e49. | 1.5 | 5 |
| 57 | Minimally invasive access cavities: does size really matter?. International Endodontic Journal, 2021, 54, 153-155. | 5.0 | 11 |
| 58 | Mechanical properties of reciprocating thermally treated NiTi endodontic instruments / Propriedades mecânicas de instrumentos endodà nticos de NiTi reciprocantes tratados termicamente. Brazilian Journal of Development, 2021, 7, 88149-88162. | 0.1 | 1 |
| 59 | Safety of large preparation with different instruments in the buccal canals of maxillary molars. Australian Endodontic Journal, 2021, 47, 81-89. | 1.5 | 3 |
| 60 | Minimally Invasive Root Canal Instrumentation. , 2021, , 67-92. | | O |
| 61 | Effect of passive ultrasonic irrigation on hard tissue debris removal: a systematic review and meta-analysis. Brazilian Oral Research, 2021, 35, e123. | 1.4 | 6 |
| 62 | Does ultraconservative access affect the efficacy of root canal treatment and the fracture resistance of twoâ€rooted maxillary premolars?. International Endodontic Journal, 2020, 53, 265-275. | 5.0 | 53 |
| 63 | Arrowhead design ultrasonic tip as a supplementary tool for canal debridement. International Endodontic Journal, 2020, 53, 410-420. | 5.0 | 16 |
| 64 | The effect of ozone therapy in root canal disinfection: a systematic review. International Endodontic Journal, 2020, 53, 317-332. | 5.0 | 38 |
| 65 | Dentinal microcracks on freshly extracted teeth: the impact of the extraction technique. International Endodontic Journal, 2020, 53, 440-446. | 5.0 | 19 |
| 66 | Second mesiobuccal root canal in maxillary molarsâ€"A systematic review and meta-analysis of prevalence studies using cone beam computed tomography. Archives of Oral Biology, 2020, 113, 104589. | 1.8 | 43 |
| 67 | Antimicrobial effectiveness of grape seed extract against <i>Enterococcus faecalis</i> biofilm: A Confocal Laser Scanning Microscopy analysis. Australian Endodontic Journal, 2020, 46, 191-196. | 1.5 | 7 |
| 68 | Root dentinal microcracks: a postâ€extraction experimental phenomenon?. International Endodontic Journal, 2020, 53, 137-142. | 5.0 | 4 |
| 69 | Cyclic Fatigue Resistance of Nickel-Titanium Reciprocating Instruments after Simulated Clinical Use. Journal of Endodontics, 2020, 46, 1771-1775. | 3.1 | 15 |
| 70 | Mechanical Performance and Metallurgical Features of ProTaper Universal and 6 Replicalike Systems. Journal of Endodontics, 2020, 46, 1884-1893. | 3.1 | 18 |
| 71 | Response to the letter to the editor―ls EDTA the protagonist for the enhancement of accumulated hard tissue debris removal from root canals?. International Endodontic Journal, 2020, 53, 1456-1457. | 5.0 | O |
| 72 | 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. International Endodontic Journal, 2020, 53, 1516-1529. | 5.0 | 32 |

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| 73 | Methodologic concerns regarding the evidence of a higher prevalence of apical periodontitis and endodontic treatment need in tobacco smokers. International Endodontic Journal, 2020, 53, 1744-1747. | 5.0 | o |
| 74 | 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. International Endodontic Journal, 2020, 53, 1530-1539. | 5.0 | 32 |
| 75 | The impact of minimally invasive root canal preparation strategies on the ability to shape root canals of mandibular molars. International Endodontic Journal, 2020, 53, 1680-1688. | 5.0 | 22 |
| 76 | Morphologic Changes of Apical Foramen and Microcrack Formation after Foraminal Enlargement: A Scanning Electron Microscopic and Micro–computed Tomographic Analysis. Journal of Endodontics, 2020, 46, 1726-1732. | 3.1 | 13 |
| 77 | Effect of access cavity design on gaps and void formation in resin composite restorations following root canal treatment on extracted teeth. International Endodontic Journal, 2020, 53, 1540-1548. | 5.0 | 12 |
| 78 | 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 |
| 79 | 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 |
| 80 | Do preâ€existing microcracks play a role in the fracture resistance of roots in a laboratory setting?. International Endodontic Journal, 2020, 53, 1506-1515. | 5.0 | 9 |
| 81 | Current status on minimal access cavity preparations: a critical analysis and a proposal for a universal nomenclature. International Endodontic Journal, 2020, 53, 1618-1635. | 5.0 | 59 |
| 82 | Antibacterial efficacy and discolouration potential of antibiotic pastes with macrogol for regenerative endodontic therapy. Australian Endodontic Journal, 2020, 47, 157-162. | 1.5 | 3 |
| 83 | Bending, buckling and torsional resistance of rotary and reciprocating glide path instruments. International Endodontic Journal, 2020, 53, 1689-1695. | 5.0 | 11 |
| 84 | Preferred Reporting Items for Epidemiologic Cross-sectional Studies on Root and Root Canal Anatomy Using Cone-beam Computed Tomographic Technology: AÂSystematized Assessment. Journal of Endodontics, 2020, 46, 915-935. | 3.1 | 29 |
| 85 | 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. Archives of Oral Biology, 2020, 116, 104749. | 1.8 | 23 |
| 86 | Influence of Kinematics on the Cyclic Fatigue Resistance of Replicalike and Original Brand Rotary Instruments. Journal of Endodontics, 2020, 46, 1136-1143. | 3.1 | 22 |
| 87 | The Apical Root Canal System of Teeth with Posttreatment Apical Periodontitis: Correlating Microbiologic, Tomographic, and Histopathologic Findings. Journal of Endodontics, 2020, 46, 1195-1203. | 3.1 | 28 |
| 88 | Effects of alcohol and nicotine consumption on the development of apical periodontitis in rats: a correlative microâ€computed tomographic, histological and immunohistochemical study. International Endodontic Journal, 2020, 53, 1238-1252. | 5.0 | 9 |
| 89 | Creation of wellâ€balanced experimental groups for comparative endodontic laboratory studies: a new proposal based on microâ€CT and <i>in silico</i> methods. International Endodontic Journal, 2020, 53, 974-985. | 5.0 | 38 |
| 90 | Influence of access cavity design and use of operating microscope and ultrasonic troughing to detect middle mesial canals in extracted mandibular first molars. International Endodontic Journal, 2020, 53, 1430-1437. | 5.0 | 23 |

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| 91 | C-shaped canals in mandibular molars of a Brazilian subpopulation: prevalence and root canal configuration using cone-beam computed tomography. Clinical Oral Investigations, 2020, 24, 3299-3305. | 3.0 | 12 |
| 92 | Does tobacco smoking predispose to apical periodontitis and endodontic treatment need? A systematic review and metaâ€analysis. International Endodontic Journal, 2020, 53, 1068-1083. | 5.0 | 23 |
| 93 | The influence of the addition of surfactants to sodium hypochlorite on the removal of hard tissue debris. International Endodontic Journal, 2020, 53, 1131-1139. | 5.0 | 12 |
| 94 | Postoperative pain after root canal filling with different endodontic sealers: a randomized clinical trial. Brazilian Oral Research, 2020, 34, e069. | 1.4 | 15 |
| 95 | Mechanical properties of ProTaper Gold, EdgeTaper Platinum, Flex Gold and Pro-T rotary systems. European Endodontic Journal, 2020, 5, 205-211. | 0.6 | 8 |
| 96 | Cyclic fatigue and torsional resistance of NiTi martensite reciprocating instruments. European Endodontic Journal, 2020, 5, 231-235. | 0.6 | 4 |
| 97 | Influence of autoclave sterilization procedures on the cyclic fatigue resistance of heat-treated nickel-titanium instruments: a systematic review. Restorative Dentistry & Endodontics, 2020, 45, e25. | 1.5 | 7 |
| 98 | Bacterial reduction in oval-shaped root canals after different irrigant agitation methods. European Endodontic Journal, 2020, 6, 110-116. | 0.6 | 4 |
| 99 | Shaping efficiency as a function of time of a new heatâ€treated instrument. International Endodontic Journal, 2019, 52, 337-342. | 5 . O | 33 |
| 100 | Effectiveness of Reciproc Blue in removing canal filling material and regaining apical patency. International Endodontic Journal, 2019, 52, 250-257. | 5.0 | 33 |
| 101 | The impact of using a pneumatic contra-angle device on the lifespan of M-Wire- and Blue-treated instruments. Clinical Oral Investigations, 2019, 23, 617-621. | 3.0 | 9 |
| 102 | Micro-CT evaluation of different final irrigation protocols on the removal of hard-tissue debris from isthmus-containing mesial root of mandibular molars. Clinical Oral Investigations, 2019, 23, 681-687. | 3.0 | 48 |
| 103 | Effectiveness of passive ultrasonic irrigation on periapical healing and root canal disinfection: a systematic review. British Dental Journal, 2019, 227, 228-234. | 0.6 | 22 |
| 104 | 3-dimensional Ability Assessment in Removing RootÂFilling Material from Pair-matched Oval-shaped Canals Using Thermal-treated Instruments. Journal of Endodontics, 2019, 45, 1135-1141. | 3.1 | 34 |
| 105 | XPâ€endo Finisher R instrument optimizes the removal of root filling remnants in ovalâ€shaped canals. International Endodontic Journal, 2019, 52, 899-907. | 5.0 | 52 |
| 106 | Bovine teeth can reliably substitute human dentine in an intraâ€ŧooth pushâ€out bond strength model?. International Endodontic Journal, 2019, 52, 1063-1069. | 5.0 | 23 |
| 107 | Performance of Reciproc Blue R25 Instruments in Shaping the Canal Space without Glide Path. Journal of Endodontics, 2019, 45, 194-198. | 3.1 | 13 |
| 108 | Prevalence of Câ€shaped canal morphology using cone beam computed tomography – a systematic review with metaâ€analysis. International Endodontic Journal, 2019, 52, 1556-1572. | 5.0 | 56 |

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| 109 | Influence of heat treatment on torsional resistance and surface roughness of nickelâ€titanium instruments. International Endodontic Journal, 2019, 52, 1645-1651. | 5.0 | 31 |
| 110 | Anatomical danger zone reconsidered: a microâ€ <scp>CT</scp> study on dentine thickness in mandibular molars. International Endodontic Journal, 2019, 52, 1501-1507. | 5.0 | 42 |
| 111 | Dislodgment Resistance of Bioceramic and Epoxy Sealers: A Systematic Review and Meta-analysis. Journal of Evidence-based Dental Practice, 2019, 19, 221-235. | 1.5 | 19 |
| 112 | Glycolic acid as the final irrigant in endodontics: Mechanical and cytotoxic effects. Materials Science and Engineering C, 2019, 100, 323-329. | 7.3 | 21 |
| 113 | Physicochemical, cytotoxicity and in vivo biocompatibility of a high-plasticity calcium-silicate based material. Scientific Reports, 2019, 9, 3933. | 3.3 | 43 |
| 114 | Vitality Tests for Pulp Diagnosis of Traumatized Teeth: A Systematic Review. Journal of Endodontics, 2019, 45, 490-499. | 3.1 | 29 |
| 115 | Volume and/or Time of NaOCl Influences the Fracture Strength of Endodontically Treated Bovine Teeth. Brazilian Dental Journal, 2019, 30, 31-35. | 1.1 | 11 |
| 116 | Influence of chlorhexidine and zinc oxide in calcium hydroxide pastes on pH changes in external root surface. Brazilian Oral Research, 2019, 33, e005. | 1.4 | 4 |
| 117 | Prevalence Studies on Root Canal Anatomy Using Cone-beam Computed Tomographic Imaging: A Systematic Review. Journal of Endodontics, 2019, 45, 372-386.e4. | 3.1 | 74 |
| 118 | Torsional fatigue resistance of Râ€Pilot and WaveOne Gold Glider NiTi glide path reciprocating systems. International Endodontic Journal, 2019, 52, 874-879. | 5.0 | 15 |
| 119 | Root dentinal microcracks: a postâ€extraction experimental phenomenon?. International Endodontic Journal, 2019, 52, 857-865. | 5.0 | 44 |
| 120 | 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. Clinical Oral Investigations, 2019, 23, 3087-3093. | 3.0 | 56 |
| 121 | Addition of phosphates and chlorhexidine to resinâ€modified MTA materials. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 2195-2201. | 3.4 | 3 |
| 122 | Second root and second root canal prevalence in maxillary first and second premolars assessed by cone beam computed tomography $\hat{a} \in \hat{a}$ a systematic review and meta-analysis. Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial, 2019, 60, . | 0.0 | 0 |
| 123 | Torsional Fatigue Resistance of Blue-treated Reciprocating Instruments. Journal of Endodontics, 2018, 44, 1038-1041. | 3.1 | 29 |
| 124 | Cyclic fatigue using severely curved canals and torsional resistance of thermally treated reciprocating instruments. Clinical Oral Investigations, 2018, 22, 2633-2638. | 3.0 | 44 |
| 125 | Effectiveness of XPâ€endo Finisher and XPâ€endo Finisher R in removing root filling remnants: a micro T study. International Endodontic Journal, 2018, 51, 86-91. | 5.0 | 89 |
| 126 | Mechanical characteristics of counterfeit Reciproc instruments: a call for attention. International Endodontic Journal, 2018, 51, 556-563. | 5.0 | 9 |

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| 127 | Microâ€CT assessment of the shaping ability of four root canal instrumentation systems in ovalâ€shaped canals. International Endodontic Journal, 2018, 51, 564-571. | 5.0 | 82 |
| 128 | Cyclic and Torsional Fatigue Resistance of XP-endo Shaper and TRUShape Instruments. Journal of Endodontics, 2018, 44, 168-172. | 3.1 | 56 |
| 129 | Untouched canal areas and debris accumulation after root canal preparation with rotary and adaptive systems. Australian Endodontic Journal, 2018, 44, 260-266. | 1.5 | 27 |
| 130 | Impact of contracted endodontic cavities on fracture resistance of endodontically treated teeth: a systematic review of in vitro studies. Clinical Oral Investigations, 2018, 22, 109-118. | 3.0 | 59 |
| 131 | Endodontic management of type II dens invaginatus with open apex and large periradicular lesion using the XP-endo Finisher: A case report. Journal of Clinical and Experimental Dentistry, 2018, 10, 0-0. | 1.2 | 7 |
| 132 | Evaluation of the efficacy of filling material removal and re-filling after different retreatment procedures. Brazilian Oral Research, 2018, 32, e94. | 1.4 | 9 |
| 133 | Longevity of defective direct restorations treated by minimally invasive techniques or complete replacement in permanent teeth: A systematic review. Journal of Dentistry, 2018, 78, 22-30. | 4.1 | 18 |
| 134 | Micro–computed Tomography Shaping Ability Assessment of the New Blue Thermal Treated Reciproc Instrument. Journal of Endodontics, 2018, 44, 1146-1150. | 3.1 | 35 |
| 135 | Mechanical Properties of Anatomic Finishing Files: XP-Endo Finisher and XP-Clean. Brazilian Dental Journal, 2018, 29, 208-213. | 1.1 | 12 |
| 136 | Bond Strength of Experimental Root Canal Sealers Based on MTA and Butyl Ethylene Glycol Disalicylate. Brazilian Dental Journal, 2018, 29, 195-201. | 1.1 | 16 |
| 137 | Evaluation of Apically Extruded Debris Using Positive and Negative Pressure Irrigation Systems in Association with Different Irrigants. Brazilian Dental Journal, 2018, 29, 184-188. | 1.1 | 15 |
| 138 | Micro-computed tomographic evaluation of canal retreatments performed by undergraduate students using different techniques. Restorative Dentistry & Endodontics, 2018, 43, e5. | 1.5 | 9 |
| 139 | Influence of Irrigants and the use of Solvents During the Removal of Filling Materials in Root Canal Retreatment. European Endodontic Journal, 2018, 4, 33-37. | 0.6 | 2 |
| 140 | Dissolution, dislocation and dimensional changes of endodontic sealers after a solubility challenge: a microâ€ <scp>CT</scp> approach. International Endodontic Journal, 2017, 50, 407-414. | 5.0 | 59 |
| 141 | Do smearâ€layer removal agents affect the pushâ€out bond strength of calcium silicateâ€based endodontic sealers?. International Endodontic Journal, 2017, 50, 612-619. | 5. 0 | 51 |
| 142 | Impact of needle insertion depth on the removal of hardâ€tissue debris. International Endodontic Journal, 2017, 50, 560-568. | 5.0 | 41 |
| 143 | Microcomputed tomographic evaluation of canal transportation and centring ability of ProTaper Next and Twisted File Adaptive systems. International Endodontic Journal, 2017, 50, 694-699. | 5.0 | 28 |
| 144 | Blue Thermomechanical Treatment Optimizes Fatigue Resistance and Flexibility of the Reciproc Files. Journal of Endodontics, 2017, 43, 462-466. | 3.1 | 203 |

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| 145 | 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 |
| 146 | Push-out Bond Strength of Fast-setting Mineral Trioxide Aggregate and Pozzolan-based Cements: ENDOCEM MTA and ENDOCEM Zr. Journal of Endodontics, 2017, 43, 801-804. | 3.1 | 22 |
| 147 | Postoperative Pain after Endodontic Retreatment Using Rotary or Reciprocating Instruments: AÂRandomized Clinical Trial. Journal of Endodontics, 2017, 43, 1084-1088. | 3.1 | 53 |
| 148 | Assessing pulp stones by cone-beam computed tomography. Clinical Oral Investigations, 2017, 21, 2327-2333. | 3.0 | 33 |
| 149 | Dentinal Microcrack Development after Canal Preparation: A Longitudinal in Situ Micro–computed Tomography Study Using a Cadaver Model. Journal of Endodontics, 2017, 43, 1553-1558. | 3.1 | 53 |
| 150 | Influence of Access Cavity Design on Root Canal Detection, Instrumentation Efficacy, and Fracture Resistance Assessed in Maxillary Molars. Journal of Endodontics, 2017, 43, 1657-1662. | 3.1 | 107 |
| 151 | Influence of apical enlargement and complementary canal preparation with the Selfâ€Adjusting File on endotoxin reduction in retreatment cases. International Endodontic Journal, 2017, 50, 646-651. | 5.0 | 10 |
| 152 | Cytocompatibility of calcium silicate-based sealers in a three-dimensional cell culture model. Clinical Oral Investigations, 2017, 21, 1531-1536. | 3.0 | 43 |
| 153 | Microâ€ <scp>CT</scp> assessment of dentinal microâ€cracks after root canal filling procedures. International Endodontic Journal, 2017, 50, 895-901. | 5.0 | 23 |
| 154 | Intraoperative discomfort associated with the use of a rotary or reciprocating system: a prospective randomized clinical trial. Restorative Dentistry & Endodontics, 2017, 42, 140. | 1.5 | 10 |
| 155 | Effect of Intermediate Flush Using Different Devices to Prevent Chemical Smear Layer Formation. Brazilian Dental Journal, 2017, 28, 447-452. | 1.1 | 4 |
| 156 | Relationship between Initial Attendance after Dental Trauma and Development of External Inflammatory Root Resorption. Brazilian Dental Journal, 2017, 28, 201-205. | 1.1 | 17 |
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