Mario Tanomaru-Filho

List of Publications by Year
in descending order

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251	6,947	53794 45	95266 68
papers	citations	h-index	g-index

254	254	254	4027
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Ability of Different Nickel-Titanium Rotary Instruments To Induce Dentinal Damage During Canal Preparation. Journal of Endodontics, 2009, 35, 236-238.	3.1	264
2	The effects of canal preparation and filling on the incidence of dentinal defects. International Endodontic Journal, 2009, 42, 208-213.	5.0	223
3	In vivo antimicrobial activity of 2% chlorhexidine used as a root canal irrigating solution. Journal of Endodontics, 1999, 25, 167-171.	3.1	218
4	The Influence of Calcium Chloride on the Setting Time, Solubility, Disintegration, and pH of Mineral Trioxide Aggregate and White Portland Cement with a Radiopacifier. Journal of Endodontics, 2009, 35, 550-554.	3.1	192
5	Radiopacity of Portland Cement Associated With Different Radiopacifying Agents. Journal of Endodontics, 2009, 35, 737-740.	3.1	157
6	Effect of different irrigation solutions and calcium hydroxide on bacterial LPS. International Endodontic Journal, 2003, 36, 733-739.	5.0	109
7	Marginal Gingiva Discoloration by Gray MTA: A Case Report. Journal of Endodontics, 2007, 33, 325-327.	3.1	108
8	In Vitro Evaluation of Antimicrobial Activity of Sealers and Pastes Used in Endodontics. Journal of Endodontics, 2000, 26, 391-394.	3.1	102
9	Fracture strength of bovine incisors after intraâ€radicular treatment with MTA in an experimental immature tooth model. International Endodontic Journal, 2007, 40, 684-691.	5.0	100
10	Unusual Anatomy of Permanent Maxillary Molars. Journal of Endodontics, 2004, 30, 668-671.	3.1	99
11	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
12	Physicochemical and mechanical properties of zirconium oxide and niobium oxide modified <scp>P</scp>ortland cementâ€based experimental endodontic sealers. International Endodontic Journal, 2014, 47, 437-448.	5.0	94
13	Mineral Trioxide Aggregateâ€“based Endodontic Sealer Stimulates Hydroxyapatite Nucleation in Human Osteoblast-like Cell Culture. Journal of Endodontics, 2012, 38, 971-976.	3.1	86
14	Antibiofilm activity, pH and solubility of endodontic sealers. International Endodontic Journal, 2013, 46, 755-762.	5.0	85
15	Evaluation of Physicochemical Properties of a New Calcium Silicateâ€“based Sealer, Bio-C Sealer. Journal of Endodontics, 2019, 45, 1248-1252.	3.1	85
16	Cytotoxicity of Portland Cement with Different Radiopacifying Agents: A Cell Death Study. Journal of Endodontics, 2011, 37, 203-210.	3.1	83
17	In vitro antimicrobial activity of endodontic sealers, MTA-based cements and Portland cement. Journal of Oral Science, 2007, 49, 41-45.	1.7	82
18	Evaluation of apical sealing of three endodontic sealers. International Endodontic Journal, 2000, 33, 25-27.	5.0	80

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19	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
20	Porosity and sealing ability of root fillings with guttaâ€percha and BioRoot <scp>RCS</scp> or <scp>AH</scp> Plus sealers. Evaluation by three exÂvivo methods. International Endodontic Journal, 2016, 49, 774-782.	5.0	77
21	Bioactivity of <scp>MTA</scp> Plus, Biodentine and an experimental calcium silicateâ€based cement on human osteoblastâ€like cells. International Endodontic Journal, 2017, 50, 39-47.	5.0	75
22	Effect of calcium hydroxide intracanal dressing on the bond strength of a resin-based endodontic sealer. Brazilian Dental Journal, 2008, 19, 224-227.	1.1	74
23	Inflammatory response to different endodontic irrigating solutions. International Endodontic Journal, 2002, 35, 735-739.	5.0	72
24	Physicochemical Properties and Volumetric Change of Silicone/Bioactive Glass and CalciumÂSilicateâ€“based Endodontic Sealers. Journal of Endodontics, 2017, 43, 2097-2101.	3.1	70
25	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
26	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
27	Effect of a calcium hydroxide-based root canal dressing on periapical repair in dogs: a histological study. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2006, 102, 680-685.	1.4	63
28	Radiopacity Evaluation of New Root Canal Filling Materials by Digitalization of Images. Journal of Endodontics, 2007, 33, 249-251.	3.1	63
29	Effect of Irrigating Solution and Calcium Hydroxide Root Canal Dressing on the Repair of Apical and Periapical Tissues of Teeth with Periapical Lesion. Journal of Endodontics, 2002, 28, 295-299.	3.1	62
30	Scanning electron microscopic study of the cleaning ability of chlorhexidine as a root-canal irrigant. International Endodontic Journal, 2003, 36, 391-394.	5.0	61
31	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
32	Comparative Analysis of Enterococcus faecalis Biofilm Formation on Different Substrates. Journal of Endodontics, 2013, 39, 346-350.	3.1	59
33	Chemical characterization and bioactivity of epoxy resin and Portland cement-based sealers with niobium and zirconium oxide radiopacifiers. Dental Materials, 2014, 30, 1005-1020.	3.5	55
34	Radiopacity evaluation of root-end filling materials by digitization of images. Journal of Applied Oral Science, 2008, 16, 376-379.	1.8	54
35	Biocompatibility of an experimental MTA sealer implanted in the rat subcutaneous: Quantitative and immunohistochemical evaluation. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 1773-1781.	3.4	54
36	Cyclic fatigue and torsional strength of three different thermally treated reciprocating nickel-titanium instruments. Clinical Oral Investigations, 2018, 22, 1865-1871.	3.0	54

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37	Detection of periapical lesion development by conventional radiography or computed tomography. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, e56-e61.	1.4	53
38	Effect of immersion in distilled water or phosphateâ€buffered saline on the solubility, volumetric change and presence of voids within new calcium silicateâ€based root canal sealers. International Endodontic Journal, 2020, 53, 385-391.	5.0	53
39	In vivo evaluation of the inflammatory response and <scp>IL</scp>â€6 immunoexpression promoted by Biodentine and <scp>MTA</scp> Angelus. International Endodontic Journal, 2016, 49, 145-153.	5.0	52
40	Biocompatibility and mineralized nodule formation of Neo MTA Plus and an experimental tricalcium silicate cement containing tantalum oxide. International Endodontic Journal, 2017, 50, e31-e39.	5.0	52
41	Cyclic and Torsional Fatigue Resistance of Reciprocating Single Files Manufactured by Different Nickel-titanium Alloys. Journal of Endodontics, 2017, 43, 1186-1191.	3.1	52
42	Investigation of chemical changes in sealers during application of the warm vertical compaction technique. International Endodontic Journal, 2015, 48, 16-27.	5.0	51
43	Calcium hydroxide intracanal dressing removal with different rotary instruments and irrigating solutions: a scanning electron microscopy study. Brazilian Dental Journal, 2010, 21, 310-314.	1.1	50
44	Investigation of the Effect of Sealer Use on the Heat Generated at the External Root Surface during Root Canal Obturation Using Warm Vertical Compaction Technique withÂSystem B Heat Source. Journal of Endodontics, 2014, 40, 555-561.	3.1	50
45	Biocompatibility and Bioactive Potential of New Calcium Silicateâ€“based Endodontic Sealers: Bio-C Sealer and Sealer Plus BC. Journal of Endodontics, 2020, 46, 1470-1477.	3.1	47
46	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
47	Radiopacity evaluation of root canal sealers containing calcium hydroxide and MTA. Brazilian Oral Research, 2009, 23, 119-123.	1.4	45
48	Biocompatibility and bioactivity of calcium silicate-based endodontic sealers in human dental pulp cells. Journal of Applied Oral Science, 2015, 23, 467-471.	1.8	45
49	Human dental pulp cells response to mineral trioxide aggregate (<scp>MTA</scp>) and <scp>MTA</scp> Plus: cytotoxicity and gene expression analysis. International Endodontic Journal, 2017, 50, 780-789.	5.0	45
50	Antibacterial efficacy of endodontic irrigating solutions and their combinations in root canals contaminated with Enterococcus faecalis. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2011, 112, 396-400.	1.4	44
51	Effect of different root canal sealers on periapical repair of teeth with chronic periradicular periodontitis. International Endodontic Journal, 1998, 31, 85-89.	5.0	43
52	Physicochemical properties of calcium silicate cements associated with microparticulate and nanoparticulate radiopacifiers. Clinical Oral Investigations, 2016, 20, 83-90.	3.0	43
53	Histological study of the effect of some irrigating solutions on bacterial endotoxin in dogs. Brazilian Dental Journal, 2004, 15, 109-114.	1.1	42
54	Histological and histomorphometrical evaluation of furcation perforations filled with MTA, CPM and ZOE. International Endodontic Journal, 2011, 44, 100-110.	5.0	42

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55	Effect of Zirconium Oxide and Zinc Oxide Nanoparticles on Physicochemical Properties and Antibiofilm Activity of a Calcium Silicate-Based Material. Scientific World Journal, The, 2014, 2014, 1-6.	2.1	42
56	Microparticulated and nanoparticulated zirconium oxide added to calcium silicate cement: Evaluation of physicochemical and biological properties. Journal of Biomedical Materials Research - Part A, 2014, 102, n/a-n/a.	4.0	39
57	Photodynamic therapy in root canals contaminated with Enterococcus faecalis using curcumin as photosensitizer. Lasers in Medical Science, 2015, 30, 1867-1872.	2.1	39
58	Evaluation of pH and Calcium Ion Release of Calcium Hydroxide Pastes Containing Different Substances. Journal of Endodontics, 2009, 35, 1274-1277.	3.1	38
59	Effect of Silver Nanoparticles on Physicochemical and Antibacterial Properties of Calcium Silicate Cements. Brazilian Dental Journal, 2016, 27, 508-514.	1.1	38
60	Cytocompatibility, bioactive potential and antimicrobial activity of an experimental calcium silicateâ€based endodontic sealer. International Endodontic Journal, 2019, 52, 979-986.	5.0	38
61	Effectiveness of calcium hydroxideâ€based intracanal medicaments against Enterococcus faecalis. International Endodontic Journal, 2012, 45, 311-316.	5.0	36
62	Zirconium oxide and niobium oxide used as radiopacifiers in a calcium silicateâ€based material stimulate fibroblast proliferation and collagen formation. International Endodontic Journal, 2017, 50, e95-e108.	5.0	36
63	Bond strength of different endodontic sealers to dentin: push-out test. Journal of Applied Oral Science, 2011, 19, 644-647.	1.8	35
64	Radiographic Evaluation of Periradicular Repair after Endodontic Treatment of Dog's Teeth with Induced Periradicular Periodontitis. Journal of Endodontics, 2001, 27, 610-612.	3.1	34
65	Bacterial leakage in root canals filled with conventional and MTAâ€based sealers. International Endodontic Journal, 2011, 44, 370-375.	5.0	34
66	Evaluation of periapical repair following retrograde filling with different root-end filling materials in dog teeth with periapical lesions. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2006, 102, 127-132.	1.4	33
67	Evaluation of physicochemical properties of root-end filling materials using conventional and Micro-CT tests. Journal of Applied Oral Science, 2017, 25, 374-380.	1.8	32
68	Biodentine and MTA modulate immunoinflammatory response favoring bone formation in sealing of furcation perforations in rat molars. Clinical Oral Investigations, 2019, 23, 1237-1252.	3.0	32
69	Evaluation of the radiopacity of root canal sealers by digitization of radiographic images. Journal of Applied Oral Science, 2004, 12, 355-357.	1.8	31
70	Evaluation of Chronic Periapical Lesions by Digital Subtraction Radiography by Using Adobe Photoshop CS: A Technical Report. Journal of Endodontics, 2007, 33, 493-497.	3.1	31
71	Evaluation of the radiopacity of calcium hydroxide- and glass-ionomer-based root canal sealers. International Endodontic Journal, 2007, 41, 071004025308001-???.	5.0	31
72	Cytotoxicity, genotoxicity and antibacterial activity of poly(vinyl alcohol)-coated silver nanoparticles and farnesol as irrigating solutions. Archives of Oral Biology, 2017, 84, 89-93.	1.8	31

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73	Two- and tridimensional analysis of periapical repair after endodontic surgery. Clinical Oral Investigations, 2015, 19, 17-25.	3.0	30
74	An assessment of the overexpression of <scp>BMP</scp>â€2 in transfected human osteoblast cells stimulated by mineral trioxide aggregate and Biodentine. International Endodontic Journal, 2017, 50, e9-e18.	5.0	30
75	Physicochemical, biological, and antibacterial evaluation of tricalcium silicate-based reparative cements with different radiopacifiers. Dental Materials, 2021, 37, 311-320.	3.5	30
76	Niobium pentoxide as radiopacifying agent of calcium silicate-based material: evaluation of physicochemical and biological properties. Clinical Oral Investigations, 2015, 19, 2015-2025.	3.0	29
77	Physicochemical Properties and Dentin Bond Strength of a Tricalcium Silicate-Based Retrograde Material. Brazilian Dental Journal, 2017, 28, 51-56.	1.1	29
78	Addition of zirconium oxide to Biodentine increases radiopacity and does not alter its physicochemical and biological properties. Journal of Applied Oral Science, 2019, 27, e20180429.	1.8	29
79	Effect of Passive Ultrasonic Irrigation on Enterococcus faecalis from Root Canals: An Ex Vivo Study. Brazilian Dental Journal, 2015, 26, 342-346.	1.1	28
80	Antimicrobial and biofilm anti-adhesion activities of silver nanoparticles and farnesol against endodontic microorganisms for possible application in root canal treatment. Archives of Oral Biology, 2019, 107, 104481.	1.8	28
81	Solubility, Porosity, Dimensional and Volumetric Change of Endodontic Sealers. Brazilian Dental Journal, 2019, 30, 368-373.	1.1	27
82	Evaluation of the thermoplasticity of different gutta-percha cones and Resilonï¿½. Australian Endodontic Journal, 2007, 33, 23-26.	1.5	26
83	Penetration into dentin of sodium hypochlorite associated with acid solutions. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2011, 112, e155-e159.	1.4	26
84	In Vitro Alkaline pH Resistance of Enterococcus faecalis. Brazilian Dental Journal, 2013, 24, 474-476.	1.1	26
85	Cytotoxicity of peracetic acid: evaluation of effects on metabolism, structure and cell death. International Endodontic Journal, 2018, 51, e264-e277.	5.0	26
86	Compressive Strength and Setting Time of MTA and Portland Cement Associated with Different Radiopacifying Agents. ISRN Dentistry, 2012, 2012, 1-4.	1.5	26
87	Determination of the maximum inhibitory dilution of cetylpyridinium chloride-based mouthwashes against staphylococcus aureus: an in vitro study. Journal of Applied Oral Science, 2008, 16, 275-279.	1.8	25
88	Solvent capacity of different substances on gutta-percha and Resilon. Brazilian Dental Journal, 2010, 21, 46-49.	1.1	25
89	Solubility, porosity and fluid uptake of calcium silicate-based cements. Journal of Applied Oral Science, 2018, 26, e20170465.	1.8	25
90	Immunoinflammatory response and bioactive potential of GuttaFlow bioseal and MTA Fillapex in the rat subcutaneous tissue. Scientific Reports, 2020, 10, 7173.	3.3	25

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91	Antimicrobial Activity and pH of Calcium Hydroxide and Zinc Oxide Nanoparticles Intracanal Medication and Association with Chlorhexidine. Journal of Contemporary Dental Practice, 2015, 16, 624-629.	0.5	25
92	Interface of dentine to root canal sealers. Journal of Dentistry, 2014, 42, 336-350.	4.1	24
93	Use of microâ€computed tomography for the assessment of periapical lesions in small rodents: a systematic review. International Endodontic Journal, 2017, 50, 352-366.	5.0	24
94	The use of ultrasound for cleaning the surface of stainless steel and nickel-titanium endodontic instruments. International Endodontic Journal, 2001, 34, 581-585.	5.0	23
95	Histomicrobiologic aspects of the root canal system and periapical lesions in dogs' teeth after rotary instrumentation and intracanal dressing with Ca(OH)2 pastes. Journal of Applied Oral Science, 2006, 14, 355-364.	1.8	23
96	Radiopacity, pH and antimicrobial activity of Portland cement associated with micro- and nanoparticles of zirconium oxide and niobium oxide. Dental Materials Journal, 2014, 33, 466-470.	1.8	23
97	Counterclockwise or clockwise reciprocating motion for oval root canal preparation: a microâ€<scp>CT</scp> analysis. International Endodontic Journal, 2018, 51, 541-548.	5.0	23
98	Periapical repair after root canal filling with different root canal sealers. Brazilian Dental Journal, 2009, 20, 389-395.	1.1	22
99	Efficacy of four irrigation needles in cleaning the apical third of root canals. Brazilian Dental Journal, 2013, 24, 21-24.	1.1	22
100	Antibiofilm activity of irrigating solutions associated with cetrimide. Confocal laser scanning microscopy. International Endodontic Journal, 2014, 47, 1058-1063.	5.0	22
101	Release and diffusion of hydroxyl ion from calcium hydroxideâ€based medicaments. Dental Traumatology, 2012, 28, 320-323.	2.0	21
102	Comparison of cyclic fatigue and torsional resistance in reciprocating single-file systems and continuous rotary instrumentation systems. Journal of Oral Science, 2014, 56, 269-275.	1.7	21
103	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
104	Reduced interleukin-6 immunoexpression and birefringent collagen formation indicate that MTA Plus and MTA Fillapex are biocompatible. Biomedical Materials (Bristol), 2018, 13, 035002.	3.3	21
105	In vivo and in vitro anti-inflammatory and pro-osteogenic effects of citrus cystatin CsinCPI-2. Cytokine, 2019, 123, 154760.	3.2	21
106	An in vitro evaluation of apicoectomies and retropreparations using different methods. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 110, e57-e63.	1.4	20
107	Effectiveness of three solvents and two associations of solvents on gutta-percha and resilon. Brazilian Dental Journal, 2011, 22, 41-44.	1.1	20
108	Effect of different dye solutions on the evaluation of the sealing ability of mineral trioxide aggregate. Brazilian Oral Research, 2005, 19, 119-122.	1.4	20

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109	In vitro antimicrobial activity of different gutta-percha points and calcium hydroxide pastes. Brazilian Oral Research, 2007, 21, 35-39.	1.4	20
110	Influence of root canal dressings and sealers on repair of apical periodontitis after endodontic treatment. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2002, 93, 184-189.	1.4	19
111	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
112	Physicochemical Properties and Bioactive Potential of a New Epoxy Resin-based Root Canal Sealer. Brazilian Dental Journal, 2019, 30, 563-568.	1.1	19
113	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
114	Solubility and bacterial sealing ability of MTA and root-end filling materials. Journal of Applied Oral Science, 2016, 24, 121-125.	1.8	18
115	Cytotoxicity and Bioactivity of Calcium Silicate Cements Combined with Niobium Oxide in Different Cell Lines. Brazilian Dental Journal, 2017, 28, 65-71.	1.1	18
116	Torsional fatigue resistance of pathfinding instruments manufactured from several nickelâ€titanium alloys. International Endodontic Journal, 2018, 51, 697-704.	5.0	18
117	Scanning electron microscopy analysis of RinsEndo system and conventional irrigation for debris removal. Brazilian Dental Journal, 2010, 21, 305-309.	1.1	17
118	Ability of Gutta-Percha and Resilon to Fill Simulated Lateral Canals by Using the Obtura II System. Journal of Endodontics, 2012, 38, 676-679.	3.1	17
119	Biocompatibility of Intracanal Medications Based on Calcium Hydroxide. ISRN Dentistry, 2012, 2012, 1-6.	1.5	17
120	Effect of rotary instrument associated with different irrigation techniques on removing calcium hydroxide dressing. Microscopy Research and Technique, 2014, 77, 642-646.	2.2	17
121	Antibacterial activity, cytocompatibility and effect of Bioâ€€ Temp bioceramic intracanal medicament on osteoblast biology. International Endodontic Journal, 2021, 54, 1155-1165.	5.0	17
122	Evaluation of Ultrasonic and ErCr:YSGG Laser Retrograde Cavity Preparation. Journal of Endodontics, 2009, 35, 741-744.	3.1	16
123	Temperature Changes in Gutta-Percha and Resilon Cones Induced by a Thermomechanical Compaction Technique. Journal of Endodontics, 2009, 35, 879-882.	3.1	16
124	Radiopacity and cytotoxicity of Portland cement associated with niobium oxide micro and nanoparticles. Journal of Applied Oral Science, 2014, 22, 554-559.	1.8	16
125	Effect of addition of nano-hydroxyapatite on physico-chemical and antibiofilm properties of calcium silicate cements. Journal of Applied Oral Science, 2016, 24, 204-210.	1.8	16
126	Micro-computed tomography high resolution evaluation of dimensional and morphological changes of 3 root-end filling materials in simulated physiological conditions. Journal of Materials Science: Materials in Medicine, 2020, 31, 14.	3.6	16

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127	pH and Antimicrobial Activity of Portland Cement Associated with Different Radiopacifying Agents. ISRN Dentistry, 2012, 2012, 1-5.	1.5	16
128	Effectiveness of gutta-percha and Resilon in filling lateral root canals using the Obtura II system. Brazilian Oral Research, 2011, 25, 205-209.	1.4	15
129	Intermittent or continuous ultrasonically activated irrigation: micro-computed tomographic evaluation of root canal system cleaning. Clinical Oral Investigations, 2016, 20, 1541-1546.	3.0	15
130	A Novel Model for Evaluating the Flow of Endodontic Materials Using Microâ€“computed Tomography. Journal of Endodontics, 2017, 43, 796-800.	3.1	15
131	Ytterbium Oxide as Radiopacifier of Calcium Silicate-Based Cements. Physicochemical and Biological Properties. Brazilian Dental Journal, 2018, 29, 452-458.	1.1	15
132	Mast cells and immunoexpression of FGFâ€1 and Kiâ€67 in rat subcutaneous tissue following the implantation of Biodentine and MTA Angelus. International Endodontic Journal, 2019, 52, 54-67.	5.0	15
133	Micro-CT evaluation of apical enlargement of molar root canals using rotary or reciprocating heat-treated NiTi instruments. Journal of Applied Oral Science, 2019, 27, e20180689.	1.8	15
134	Effect of rotary instrumentation and of the association of calcium hydroxide and chlorhexidine on the antisepsis of the root canal system in dogs. Brazilian Oral Research, 2006, 20, 120-126.	1.4	15
135	Elimination of intracanal infection in dogs' teeth with induced periapical lesions after rotary instrumentation: influence of different calcium hydroxide pastes. Journal of Applied Oral Science, 2006, 14, 172-177.	1.8	14
136	Maximum inhibitory dilution of mouthwashes containing chlorhexidine and polyhexamethylene biguanide against salivary staphylococcus aureus. Journal of Applied Oral Science, 2008, 16, 336-339.	1.8	14
137	Root canal treatment of threeâ€rooted maxillary second premolars: Report of four cases. Australian Endodontic Journal, 2009, 35, 73-77.	1.5	14
138	Evaluation of pH, available chlorine content, and antibacterial activity of endodontic irrigants and their combinations against Enterococcus faecalis. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2011, 112, 132-135.	1.4	14
139	Influence of Sealer Placement Technique on the Quality of Root Canal Filling by Lateral Compaction or Single Cone. Brazilian Dental Journal, 2014, 25, 117-122.	1.1	14
140	Biocompatibility of mineral trioxide aggregate flow and biodentine. International Endodontic Journal, 2019, 52, 193-200.	5.0	14
141	Push-Out Bond Strength, Characterization, and Ion Release of Premixed and Powder-Liquid Bioceramic Sealers with or without Gutta-Percha. Scanning, 2021, 2021, 1-12.	1.5	14
142	Antibacterial effectiveness of peracetic acid and conventional endodontic irrigants. Brazilian Dental Journal, 2011, 22, 285-287.	1.1	13
143	Physical Properties, Antimicrobial Activity and In Vivo Tissue Response to Apexit Plus. Materials, 2020, 13, 1171.	2.9	13
144	Evaluation of the biological properties of two experimental calcium silicate sealers: an in vivo study in rats. International Endodontic Journal, 2021, 54, 100-111.	5.0	13

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145	Calcium silicate-based cements cause environmental stiffness and show diverse potential to induce osteogenesis in human osteoblastic cells. Scientific Reports, 2021, 11, 16784.	3.3	13
146	Effect of obturation technique using a new bioceramic sealer on the presence of voids in flattened root canals. Brazilian Oral Research, 2021, 35, e028.	1.4	13
147	Antimicrobial activity of endodontic sealers based on calcium hydroxide and MTA. Acta OdontolÃ³gica Latinoamericana: AOL, 2008, 21, 147-51.	0.4	13
148	Effect of biomechanical preparation and calcium hydroxide pastes on the antisepsis of root canal systems in dogs. Journal of Applied Oral Science, 2005, 13, 93-100.	1.8	12
149	Antibacterial effectiveness of several irrigating solutions and the Endox Plus system â€“ an ex vivo study. International Endodontic Journal, 2012, 45, 1091-1096.	5.0	12
150	Methods of experimental induction of periapical inflammation. Microbiological and radiographic evaluation. International Endodontic Journal, 2005, 38, 477-482.	5.0	11
151	Evaluation of the thermoplasticity of different gutta-percha cones and the TC system. Journal of Applied Oral Science, 2007, 15, 131-134.	1.8	11
152	Evaluation of periapical changes following endodontic therapy: digital subtraction technique compared with computerized morphometric analysis. Dentomaxillofacial Radiology, 2009, 38, 438-444.	2.7	11
153	Association of matrix metalloproteinase inducer (EMMPRIN) with the expression of matrix metalloproteinases-1, -2 and -9 during periapical lesion development. Archives of Oral Biology, 2014, 59, 944-953.	1.8	11
154	Influence of the Vehicle and Antibiotic Formulation on Cytotoxicity of Triple Antibiotic Paste. Journal of Endodontics, 2018, 44, 1812-1816.	3.1	11
155	Biocompatibility and bioactive potential of the NeoMTA Plus endodontic bioceramic-based sealer. Restorative Dentistry & Endodontics, 2021, 46, e4.	1.5	11
156	Comparison of Bioâ€Ȼ Pulpo and MTA Repair HP with White MTA: effect on liver parameters and evaluation of biocompatibility and bioactivity in rats. International Endodontic Journal, 2021, 54, 1597-1613.	5.0	11
157	Influence of addition of calcium oxide on physicochemical properties of Portland cement with zirconium or niobium oxide. Journal of Conservative Dentistry, 2015, 18, 105.	0.9	11
158	Evaluation of the thermoplasticity of gutta-percha and ResilonÂ® using the Obtura II System at different temperature settings. International Endodontic Journal, 2011, 44, 764-768.	5.0	10
159	Response of mice connective tissue to intracanal dressings containing chlorhexidine. Microscopy Research and Technique, 2012, 75, 1653-1658.	2.2	10
160	Fracture Resistance of Simulated Immature Teeth after Different Intra-radicular Treatments. Brazilian Dental Journal, 2015, 26, 211-215.	1.1	10
161	Push-out Bond Strength of Root-end Filling Materials. Brazilian Dental Journal, 2016, 27, 332-335.	1.1	10
162	Effect of ultrasonic tip and root-end filling material on bond strength. Clinical Oral Investigations, 2016, 20, 2007-2011.	3.0	10

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163	Tissue Response and Immunoexpression of Interleukin 6 Promoted by Tricalcium Silicateâ€“based Repair Materials after Subcutaneous Implantation in Rats. Journal of Endodontics, 2018, 44, 458-463.	3.1	10
164	Effects of Calcium Hypochlorite and Octenidine Hydrochloride on L929 And Human Periodontal Ligament Cells. Brazilian Dental Journal, 2019, 30, 213-219.	1.1	10
165	<scp>Microâ€CT</scp> evaluation of filling of flattened root canals using a new premixed readyâ€toâ€use calcium silicate sealer by singleâ€cone technique. Microscopy Research and Technique, 2021, 84, 976-981.	2.2	10
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