

Carlos JosÃ© OsÃ© Soares

List of Publications by Year in descending order

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251
papers

7,137
citations

66234

42
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91712

69
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252
all docs

252
docs citations

252
times ranked

5040
citing authors

#	ARTICLE	IF	CITATIONS
1	Adhesion to tooth structure: A critical review of "micro" bond strength test methods. Dental Materials, 2010, 26, e50-e62.	1.6	283
2	Influence of root embedment material and periodontal ligament simulation on fracture resistance tests. Brazilian Oral Research, 2005, 19, 11-16.	0.6	232
3	Ultimate tensile strength of tooth structures. Dental Materials, 2004, 20, 322-329.	1.6	204
4	Mechanical properties, shrinkage stress, cuspal strain and fracture resistance of molars restored with bulk-fill composites and incremental filling technique. Journal of Dentistry, 2015, 43, 1519-1528.	1.7	173
5	Influence of restorative technique on the biomechanical behavior of endodontically treated maxillary premolars. Part I: Fracture resistance and fracture mode. Journal of Prosthetic Dentistry, 2008, 99, 30-37.	1.1	168
6	Polymerization shrinkage stress of composite resins and resin cements " What do we need to know?. Brazilian Oral Research, 2017, 31, e62.	0.6	139
7	Decreased pituitary volume in patients with bipolar disorder. Biological Psychiatry, 2001, 50, 271-280.	0.7	125
8	Micro-computed tomography evaluation of marginal fit of lithium disilicate crowns fabricated by using chairside CAD/CAM systems or the heat-pressing technique. Journal of Prosthetic Dentistry, 2014, 112, 1134-1140.	1.1	125
9	Influence of cavity preparation design on fracture resistance of posterior Leucite-reinforced ceramic restorations. Journal of Prosthetic Dentistry, 2006, 95, 421-429.	1.1	121
10	Finite element analysis and bond strength of a glass post to intraradicular dentin: Comparison between microtensile and push-out tests. Dental Materials, 2008, 24, 1405-1411.	1.6	119
11	Finite element analysis of weakened roots restored with composite resin and posts. Dental Materials Journal, 2009, 28, 671-678.	0.8	111
12	Surface Treatment Protocols in the Cementation Process of Ceramic and Laboratory-Processed Composite Restorations: A Literature Review. Journal of Esthetic and Restorative Dentistry, 2005, 17, 224-235.	1.8	106
13	Influence of Ferrule, Post System, and Length on Biomechanical Behavior of Endodontically Treated Anterior Teeth. Journal of Endodontics, 2014, 40, 119-123.	1.4	102
14	Influence of restorative technique on the biomechanical behavior of endodontically treated maxillary premolars.. Journal of Prosthetic Dentistry, 2008, 99, 114-122.	1.1	93
15	Comparison of microtensile bond strength to enamel and dentin of human, bovine, and porcine teeth. Journal of Adhesive Dentistry, 2004, 6, 117-21.	0.3	93
16	The effect of post, core, crown type, and ferrule presence on the biomechanical behavior of endodontically treated bovine anterior teeth. Journal of Prosthetic Dentistry, 2010, 104, 306-317.	1.1	91
17	Dalintide (AC2307), a novel amylin-mimetic peptide: enhanced pharmacological properties over native amylin to reduce food intake and body weight. International Journal of Obesity, 2010, 34, 385-395.	1.6	90
18	Fiber Post Etching with Hydrogen Peroxide: Effect of Concentration and Application Time. Journal of Endodontics, 2011, 37, 398-402.	1.4	90

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19	Effect of Gamma Irradiation on Ultimate Tensile Strength of Enamel and Dentin. Journal of Dental Research, 2010, 89, 159-164.	2.5	88
20	The Influence of Cavity Design and Glass Fiber Posts on Biomechanical Behavior of Endodontically Treated Premolars. Journal of Endodontics, 2008, 34, 1015-1019.	1.4	86
21	Radiodensity and hardness of enamel and dentin of human and bovine teeth, varying bovine teeth age. Archives of Oral Biology, 2008, 53, 1023-1029.	0.8	84
22	Influence of the Endodontic Treatment on Mechanical Properties of Root Dentin. Journal of Endodontics, 2007, 33, 603-606.	1.4	80
23	Surface/Interface Morphology and Bond Strength to Glass Ceramic Etched for Different Periods. Operative Dentistry, 2010, 35, 420-427.	0.6	80
24	Effects of post system and length on the strain and fracture resistance of root filled bovine teeth. International Endodontic Journal, 2008, 41, 493-501.	2.3	77
25	Longitudinal clinical evaluation of post systems: a literature review. Brazilian Dental Journal, 2012, 23, 135-740.	0.5	76
26	Effect of the crown, post, and remaining coronal dentin on the biomechanical behavior of endodontically treated maxillary central incisors. Journal of Prosthetic Dentistry, 2014, 111, 234-246.	1.1	72
27	Influence of airborne-particle abrasion on mechanical properties and bond strength of carbon/epoxy and glass/bis-gma fiber-reinforced resin posts. Journal of Prosthetic Dentistry, 2008, 99, 444-454.	1.1	70
28	Fracture Resistance and Stress Distribution in Endodontically Treated Maxillary Premolars Restored with Composite Resin. Journal of Prosthodontics, 2008, 17, 114-119.	1.7	69
29	Effect of post type and restorative techniques on the strain and fracture resistance of flared incisor roots. Brazilian Dental Journal, 2011, 22, 230-237.	0.5	67
30	Custom-fitted EVA Mouthguards: what is the ideal thickness? a dynamic finite element impact study. Dental Traumatology, 2016, 32, 95-102.	0.8	66
31	Influence of different post design and composition on stress distribution in maxillary central incisor: Finite element analysis. Indian Journal of Dental Research, 2009, 20, 153.	0.1	57
32	Influence of endodontic sealer cement on fibreglass post bond strength to root dentine. International Endodontic Journal, 2008, 41, 476-484.	2.3	55
33	Effect of Chlorhexidine Application on Microtensile Bond Strength to Dentin. Operative Dentistry, 2008, 33, 183-188.	0.6	55
34	Radiodensity of enamel and dentin of human, bovine and swine teeth. Archives of Oral Biology, 2004, 49, 919-922.	0.8	54
35	Influence of alveolar bone loss, post type, and ferrule presence on the biomechanical behavior of endodontically treated maxillary canines: Strain measurement and stress distribution. Journal of Prosthetic Dentistry, 2013, 110, 116-126.	1.1	53
36	Influence of the Feldspathic Ceramic Thickness and Shade on the Microhardness of Dual Resin Cement. Operative Dentistry, 2006, 31, 384-389.	0.6	49

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37	Degree of conversion and bond strength of resin-cements to feldspathic ceramic using different curing modes. <i>Journal of Applied Oral Science</i> , 2017, 25, 61-68.	0.7	49
38	Polymerization shrinkage stresses in a premolar restored with different composite resins and different incremental techniques. <i>Journal of Adhesive Dentistry</i> , 2013, 15, 341-50.	0.3	49
39	Influence of resin cement and post configuration on bond strength to root dentine. <i>International Endodontic Journal</i> , 2012, 45, 136-145.	2.3	48
40	Effect of Photoactivation Timing on the Mechanical Properties of Resin Cements and Bond Strength of Fiberglass Post to Root Dentin. <i>Operative Dentistry</i> , 2015, 40, E206-E221.	0.6	48
41	Effect of gamma radiation on bonding to human enamel and dentin. <i>Supportive Care in Cancer</i> , 2012, 20, 2873-2878.	1.0	47
42	Common Operative Procedural Errors and Clinical Factors Associated with Root Canal Treatment. <i>Brazilian Dental Journal</i> , 2017, 28, 179-190.	0.5	47
43	Radiodensity of base, liner and luting dental materials. <i>Clinical Oral Investigations</i> , 2006, 10, 114-118.	1.4	45
44	Influence of Emission Spectrum and Irradiance on Light Curing of Resin-Based Composites. <i>Operative Dentistry</i> , 2017, 42, 537-547.	0.6	45
45	Fracture resistance and stress distribution of simulated immature teeth after apexification with mineral trioxide aggregate. <i>International Endodontic Journal</i> , 2014, 47, 958-966.	2.3	43
46	Influence of radiotherapy on the dentin properties and bond strength. <i>Clinical Oral Investigations</i> , 2018, 22, 875-883.	1.4	43
47	Effect of surface treatments of laboratory-fabricated composites on the microtensile bond strength to a luting resin cement. <i>Journal of Applied Oral Science</i> , 2004, 12, 45-50.	0.7	41
48	Rapid Prototyping and 3D Virtual Models for Operative Dentistry Education in Brazil. <i>Journal of Dental Education</i> , 2013, 77, 358-363.	0.7	41
49	The effect of fiber post presence and restorative technique on the biomechanical behavior of endodontically treated maxillary incisors: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2012, 108, 147-157.	1.1	40
50	Measuring bond strength between fiber post and root dentin: a comparison of different tests. <i>Journal of Adhesive Dentistry</i> , 2010, 12, 477-85.	0.3	40
51	The influence of cavity preparation design on fracture strength and mode of fracture of laboratory-processed composite resin restorations. <i>Journal of Prosthetic Dentistry</i> , 2007, 98, 277-284.	1.1	39
52	Microtensile Specimen Attachment and Shape Finite Element Analysis. <i>Journal of Dental Research</i> , 2008, 87, 89-93.	2.5	39
53	Effects of Chlorhexidine and Fluoride on Irradiated Enamel and Dentin. <i>Journal of Dental Research</i> , 2011, 90, 659-664.	2.5	39
54	Esthetic Rehabilitation of Anterior Teeth Affected by Enamel Hypoplasia: A Case Report. <i>Journal of Esthetic and Restorative Dentistry</i> , 2002, 14, 340-348.	1.8	38

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55	Potential of coconut water and soy milk for use as storage media to preserve the viability of periodontal ligament cells: an <i>in vitro</i> study. <i>Dental Traumatology</i> , 2014, 30, 22-26.	0.8	38
56	Novel calibration for LA-ICP-MS-based fission-track thermochronology. <i>Physics and Chemistry of Minerals</i> , 2014, 41, 65-73.	0.3	38
57	Effect of specimen gripping device, geometry and fixation method on microtensile bond strength, failure mode and stress distribution: Laboratory and finite element analyses. <i>Dental Materials</i> , 2012, 28, e50-e62.	1.6	37
58	Can Silanization Increase the Retention of Glass-fiber posts? A Systematic Review and Meta-analysis of In Vitro Studies. <i>Operative Dentistry</i> , 2015, 40, 567-580.	0.6	37
59	How biomechanics can affect the endodontic treated teeth and their restorative procedures?. <i>Brazilian Oral Research</i> , 2018, 32, e76.	0.6	35
60	Novel Exenatide Analogs with Peptidic Albumin Binding Domains: Potent Anti-Diabetic Agents with Extended Duration of Action. <i>PLoS ONE</i> , 2014, 9, e87704.	1.1	35
61	Influence of Drying Protocol with Isopropyl Alcohol on the Bond Strength of Resin-based Sealers to the Root Dentin. <i>Journal of Endodontics</i> , 2014, 40, 1454-1458.	1.4	34
62	Asymmetric aza-Claisen rearrangement: Synthesis of (+)-dihydropallescensin-2 [(+)-penlanpallescensin].. <i>Tetrahedron Letters</i> , 1987, 28, 1031-1034.	0.7	33
63	Correlation between the Mechanical Properties and Structural Characteristics of Different Fiber Posts Systems. <i>Brazilian Dental Journal</i> , 2016, 27, 46-51.	0.5	33
64	Molar cusp deformation evaluated by micro-CT and enamel crack formation to compare incremental and bulk-filling techniques. <i>Journal of Dentistry</i> , 2018, 74, 71-78.	1.7	33
65	Cavity preparation machine for the standardization of <i>in vitro</i> preparations. <i>Brazilian Oral Research</i> , 2008, 22, 281-287.	0.6	32
66	Degree of Conversion and Mechanical Properties of Resin Cements Cured Through Different All-Ceramic Systems. <i>Brazilian Dental Journal</i> , 2015, 26, 484-489.	0.5	32
67	An Evaluation of the Light Output from 22 Contemporary Light Curing Units. <i>Brazilian Dental Journal</i> , 2017, 28, 362-371.	0.5	32
68	Improved Glucose Control and Reduced Body Weight in Rodents with Dual Mechanism of Action Peptide Hybrids. <i>PLoS ONE</i> , 2013, 8, e78154.	1.1	32
69	Biomechanical behaviour of bulk-fill resin composites in class II restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 98, 255-261.	1.5	31
70	Mechanical properties of light-cured composites polymerized with several additional post-curing methods. <i>Operative Dentistry</i> , 2005, 30, 389-94.	0.6	31
71	Influence of post system and remaining coronal tooth tissue on biomechanical behaviour of root filled molar teeth. <i>International Endodontic Journal</i> , 2011, 44, 386-394.	2.3	30
72	Radiopacity and Porosity of Bulk-fill and Conventional Composite Posterior Restorations – Digital X-ray Analysis. <i>Operative Dentistry</i> , 2017, 42, 616-625.	0.6	30

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73	Mechanical Properties of Light-curing Composites Polymerized with Different Laboratory Photo-curing Units. <i>Dental Materials Journal</i> , 2007, 26, 217-223.	0.8	29
74	Evaluation of a dentoalveolar model for testing mouthguards: stress and strain analyses. <i>Dental Traumatology</i> , 2016, 32, 4-13.	0.8	29
75	Effect of cavity preparation design and ceramic type on the stress distribution, strain and fracture resistance of CAD/CAM onlays in molars. <i>Journal of Applied Oral Science</i> , 2018, 26, e20180004.	0.7	29
76	Effect of Different Cements on the Biomechanical Behavior of Teeth Restored with Cast Dowel-and-Cores-In Vitro and FEA Analysis. <i>Journal of Prosthodontics</i> , 2010, 19, 130-137.	1.7	28
77	Dental Trauma: Restorative Procedures Using Composite Resin and Mouthguards for Prevention. <i>Journal of Contemporary Dental Practice</i> , 2007, 8, 89-95.	0.2	28
78	Marginal integrity and microleakage of direct and indirect composite inlays: SEM and stereomicroscopic evaluation. <i>Brazilian Oral Research</i> , 2005, 19, 295-301.	0.6	27
79	Effect of topical application of dipyrone on dental sensitivity reduction after in-office dental bleaching. <i>Journal of the American Dental Association</i> , 2018, 149, 363-371.	0.7	27
80	Flexural modulus, flexural strength, and stiffness of fiber-reinforced posts. <i>Indian Journal of Dental Research</i> , 2009, 20, 277.	0.1	27
81	Effect of calcium hydroxide and endodontic irrigants on fibre post bond strength to root canal dentine. <i>International Endodontic Journal</i> , 2013, 46, 738-746.	2.3	26
82	Influence of method and period of storage on the microtensile bond strength of indirect composite resin restorations to dentine. <i>Brazilian Oral Research</i> , 2008, 22, 352-357.	0.6	25
83	Delayed Photo-activation Effects on Mechanical Properties of Dual Cured Resin Cements and Finite Element Analysis of Shrinkage Stresses in Teeth Restored With Ceramic Inlays. <i>Operative Dentistry</i> , 2016, 41, 491-500.	0.6	25
84	Effect of acidic drinks on shade matching, surface topography, and mechanical properties of conventional and bulk-fill composite resins. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 868.e1-868.e8.	1.1	25
85	Consensus on glass-ionomer cement thresholds for restorative indications. <i>Journal of Dentistry</i> , 2021, 107, 103609.	1.7	25
86	Stress-strain Analysis of Premolars With Non-carious Cervical Lesions: Influence of Restorative Material, Loading Direction and Mechanical Fatigue. <i>Operative Dentistry</i> , 2017, 42, 253-265.	0.6	24
87	In Vitro Study of Fracture Load and Fracture Pattern of Ceramic Crowns: A Finite Element and Fractography Analysis. <i>Journal of Prosthodontics</i> , 2011, 20, 447-455.	1.7	23
88	Non-carious cervical lesions: influence of morphology and load type on biomechanical behaviour of maxillary incisors. <i>Australian Dental Journal</i> , 2013, 58, 306-314.	0.6	23
89	Histologic and Micro-Computed Tomographic Analyses of Replanted Teeth Stored in Different Kind of Media. <i>Journal of Endodontics</i> , 2014, 40, 665-669.	1.4	23
90	Effect of temperature and humidity on post-gel shrinkage, cusp deformation, bond strength and shrinkage stress - Construction of a chamber to simulate the oral environment. <i>Dental Materials</i> , 2015, 31, 1523-1532.	1.6	23

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91	Fracture strength of composite fixed partial denture using bovine teeth as a substitute for human teeth with or without fiber-reinforcement. <i>Brazilian Dental Journal</i> , 2010, 21, 235-240.	0.5	22
92	Fracture resistance and mode of failure of various types of root filled teeth. <i>International Endodontic Journal</i> , 2012, 45, 840-847.	2.3	22
93	Boron thin films and CR-39 detectors in BNCT: A method to measure the $^{10}\text{B}(n,\alpha)^7\text{Li}$ reaction rate. <i>Radiation Measurements</i> , 2013, 50, 181-186.	0.7	22
94	The effect of antagonist tooth contact on the biomechanical response of custom-fitted mouthguards. <i>Dental Traumatology</i> , 2017, 33, 57-63.	0.8	22
95	Chemical analysis of in vivo-irradiated dentine of head and neck cancer patients by ATR-FTIR and Raman spectroscopy. <i>Clinical Oral Investigations</i> , 2019, 23, 3351-3358.	1.4	22
96	Effect of previous treatments on bond strength of two self-etching adhesive systems to dental substrate. <i>Journal of Adhesive Dentistry</i> , 2007, 9, 291-6.	0.3	22
97	Dental wear caused by association between bruxism and gastroesophageal reflux disease: a rehabilitation report. <i>Journal of Applied Oral Science</i> , 2007, 15, 327-333.	0.7	21
98	Fission track and ^{210}Pb in situ dating applied to detrital zircon from the Vale do Rio do Peixe Formation, Bauru Group, Brazil. <i>Journal of South American Earth Sciences</i> , 2011, 31, 298-305.	0.6	21
99	Surface treatment of glass fiber and carbon fiber posts: SEM characterization. <i>Microscopy Research and Technique</i> , 2011, 74, 1088-1092.	1.2	21
100	Correlation between polymerization stress and interfacial integrity of composites restorations assessed by different in vitro tests. <i>Dental Materials</i> , 2014, 30, 984-992.	1.6	21
101	Patient-specific Finite Element Analysis of Fiber Post and Ferrule Design. <i>Journal of Endodontics</i> , 2017, 43, 1539-1544.	1.4	21
102	Effect of Occlusal Splints on the Stress Distribution on the Temporomandibular Joint Disc. <i>Brazilian Dental Journal</i> , 2017, 28, 324-329.	0.5	21
103	Evaluation of Eye Protection Filters Used with Broad-Spectrum and Conventional LED Curing Lights. <i>Brazilian Dental Journal</i> , 2017, 28, 9-15.	0.5	21
104	In vitro analysis of the radiodensity of indirect composites and ceramic inlay systems and its influence on the detection of cement overhangs. <i>Clinical Oral Investigations</i> , 2007, 11, 331-336.	1.4	20
105	Influence of powder/liquid ratio on the radiodensity and diametral tensile strength of glass ionomer cements. <i>Journal of Applied Oral Science</i> , 2010, 18, 577-584.	0.7	20
106	A 12-Year Retrospective Study of Avulsion Cases in a Public Brazilian Dental Trauma Service.. <i>Brazilian Dental Journal</i> , 2017, 28, 749-756.	0.5	20
107	Effect of Ozone Application on the Resin-dentin Microtensile Bond Strength. <i>Operative Dentistry</i> , 2011, 36, 537-544.	0.6	19
108	Effect of Resin Cement Porosity on Retention of Glass-Fiber Posts to Root Dentin: An Experimental and Finite Element Analysis. <i>Brazilian Dental Journal</i> , 2015, 26, 630-636.	0.5	19

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109	Dental trauma on primary teeth at different root resorption stages – A dynamic finite element impact analysis of the effect on the permanent tooth germ. <i>Dental Traumatology</i> , 2019, 35, 101-108.	0.8	19
110	Effects of fractionation and ionizing radiation dose on the chemical composition and microhardness of enamel. <i>Archives of Oral Biology</i> , 2021, 121, 104959.	0.8	19
111	Bond strength between fiber posts and composite resin core: influence of temperature on silane coupling agents. <i>Brazilian Dental Journal</i> , 2012, 23, 08-14.	0.5	19
112	Ceramic restoration repair: report of two cases. <i>Journal of Applied Oral Science</i> , 2009, 17, 140-144.	0.7	18
113	Alpha spectrometry study on LR 115 and Makrofol through measurements of track diameter. <i>Radiation Measurements</i> , 2013, 50, 246-248.	0.7	18
114	Etching a Fiber Post Surface with High-concentration Bleaching Agents. <i>Operative Dentistry</i> , 2014, 39, E16-E21.	0.6	18
115	Effect of joint design and welding type on the flexural strength and weld penetration of Ti-6Al-4V alloy bars. <i>Journal of Prosthetic Dentistry</i> , 2015, 113, 467-474.	1.1	18
116	Effect of exposure time and moving the curing light on the degree of conversion and Knoop microhardness of light-cured resin cements. <i>Dental Materials</i> , 2020, 36, e340-e351.	1.6	18
117	Radiodensity evaluation of seven root post systems. <i>American Journal of Dentistry</i> , 2005, 18, 57-60.	0.1	18
118	Effect of bone loss simulation and periodontal splinting on bone strain. <i>Archives of Oral Biology</i> , 2011, 56, 1373-1381.	0.8	17
119	Measurement of Elastic Modulus and Vickers Hardness of Surround Bone Implant Using Dynamic Microindentation - Parameters Definition. <i>Brazilian Dental Journal</i> , 2014, 25, 385-390.	0.5	17
120	Influence of Resin Cements on Color Stability of Different Ceramic Systems. <i>Brazilian Dental Journal</i> , 2017, 28, 191-195.	0.5	17
121	Effect of Simulated Pulpal Microcirculation on Temperature When Light Curing Bulk Fill Composites. <i>Operative Dentistry</i> , 2019, 44, 289-301.	0.6	17
122	Effect of luting materials, presence of tooth preparation, and functional loading on stress distribution on ceramic laminate veneers: A finite element analysis. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 778-787.	1.1	17
123	The influence of the cavity preparation design on marginal accuracy of laboratory-processed resin composite restorations. <i>Clinical Oral Investigations</i> , 2008, 12, 53-59.	1.4	16
124	Effects of threaded post placement on strain and stress distribution of endodontically treated teeth. <i>Brazilian Oral Research</i> , 2013, 27, 305-310.	0.6	16
125	Effect of Surface Treatment of Fiberglass Posts on Bond Strength to Root Dentin. <i>Brazilian Dental Journal</i> , 2014, 25, 314-320.	0.5	16
126	Multiple-peak and single-peak dental curing lights comparison on the wear resistance of bulk-fill composites. <i>Brazilian Oral Research</i> , 2018, 32, e122.	0.6	16

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127	Effect of selective carious tissue removal on biomechanical behavior of class II bulk-fill dental composite restorations. <i>Dental Materials</i> , 2018, 34, 1289-1298.	1.6	16
128	Can intra-radicular cleaning protocols increase the retention of fiberglass posts? A systematic review. <i>Brazilian Oral Research</i> , 2018, 32, e16.	0.6	16
129	Effect of ionizing radiation after-therapy interval on bone: histomorphometric and biomechanical characteristics. <i>Clinical Oral Investigations</i> , 2019, 23, 2785-2793.	1.4	16
130	Inorganic particle analysis of dental impression elastomers. <i>Brazilian Dental Journal</i> , 2010, 21, 520-527.	0.5	15
131	The Effect of Prophylaxis Method on Microtensile Bond Strength of Indirect Restorations to Dentin. <i>Operative Dentistry</i> , 2012, 37, 602-609.	0.6	15
132	Effect of Gamma Radiation and Endodontic Treatment on Mechanical Properties of Human and Bovine Root Dentin. <i>Brazilian Dental Journal</i> , 2016, 27, 670-674.	0.5	15
133	Effect of Restorative Protocol on Cuspal Strain and Residual Stress in Endodontically Treated Molars. <i>Operative Dentistry</i> , 2016, 41, 23-33.	0.6	15
134	The effect of dental treatment on oral health-related quality of life in adolescents. <i>Clinical Oral Investigations</i> , 2018, 22, 2291-2297.	1.4	15
135	The Effects of Cavity Preparation and Composite Resin on Bond Strength and Stress Distribution Using the Microtensile Bond Test. <i>Operative Dentistry</i> , 2018, 43, 81-89.	0.6	15
136	Irradiance and Radiant Exposures Delivered by LED Light-Curing Units Used by a Left and Right-Handed Operator. <i>Brazilian Dental Journal</i> , 2018, 29, 282-289.	0.5	15
137	Direct resin composite restoration of endodontically-treated permanent molars in adolescents: bite force and patient-specific finite element analysis. <i>Journal of Applied Oral Science</i> , 2020, 28, e20190544.	0.7	14
138	Fracture resistance of teeth restored with indirect-composite and ceramic inlay systems. <i>Quintessence International</i> , 2004, 35, 281-6.	0.1	14
139	Influence of sterilization method on the bond strength of caries-affected dentin. <i>Brazilian Oral Research</i> , 2009, 23, 11-16.	0.6	13
140	Effect of Silane Type and Air-Drying Temperature on Bonding Fiber Post to Composite Core and Resin Cement. <i>Brazilian Dental Journal</i> , 2014, 25, 217-224.	0.5	13
141	Microtensile Bond Strength of Methacrylate and Silorane Resins to Enamel and Dentin. <i>Brazilian Dental Journal</i> , 2014, 25, 327-331.	0.5	13
142	Stress Distribution, Tooth Remaining Strain, and Fracture Resistance of Endodontically Treated Molars Restored Without or With One or Two Fiberglass Posts And Direct Composite Resin. <i>Operative Dentistry</i> , 2017, 42, 646-657.	0.6	13
143	The Correlation of Crack Lines and Definitive Restorations with the Survival and Success Rates of Cracked Teeth: A Long-term Retrospective Clinical Study. <i>Journal of Endodontics</i> , 2022, 48, 190-199.	1.4	13
144	Marginal adaptation of indirect composites and ceramic inlay systems. <i>Operative Dentistry</i> , 2003, 28, 689-94.	0.6	13

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145	Effect of gamma irradiation and restorative material on the biomechanical behaviour of root filled premolars. <i>International Endodontic Journal</i> , 2011, 44, 1047-1054.	2.3	12
146	Biofilm formation on different materials for tooth restoration: analysis of surface characteristics. <i>Journal of Materials Science</i> , 2014, 49, 6820-6829.	1.7	12
147	Characterisation of Apatites as Potential Uranium Reference Materials for Fission-track Dating by ^{238}U and ^{235}U . <i>Geostandards and Geoanalytical Research</i> , 2015, 39, 305-313.	1.7	12
148	Effect of fluoride application during radiotherapy on enamel demineralization. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180044.	0.7	12
149	Radiodensity evaluation of dental impression materials in comparison to tooth structures. <i>Journal of Applied Oral Science</i> , 2010, 18, 467-476.	0.7	11
150	Soy milk as a storage medium to preserve human fibroblast cell viability: an in vitro study. <i>Brazilian Dental Journal</i> , 2012, 23, 559-563.	0.5	11
151	Influence of different load application devices on fracture resistance of restored premolars. <i>Brazilian Dental Journal</i> , 2012, 23, 484-489.	0.5	11
152	Further investigation of the initial fission-track length and geometry factor in apatite fission-track thermochronology. <i>American Mineralogist</i> , 2013, 98, 1381-1392.	0.9	11
153	Micrometric precision of prosthetic dental crowns obtained by optical scanning and computer-aided designing/computer-aided manufacturing system. <i>Journal of Biomedical Optics</i> , 2014, 19, 088003.	1.4	11
154	Three-dimensional finite element stress analysis of teeth adjacent to a traumatized incisor. <i>Dental Traumatology</i> , 2019, 35, 128-134.	0.8	11
155	Mouthguard Biomechanics for Protecting Dental Implants from Impact: Experimental and Finite Element Impact Analysis. <i>International Journal of Oral and Maxillofacial Implants</i> , 2018, 33, 335-343.	0.6	11
156	Rapid prototyping and 3D-virtual models for operative dentistry education in Brazil. <i>Journal of Dental Education</i> , 2013, 77, 358-63.	0.7	11
157	Direct Restoration of Worn Maxillary Anterior Teeth with a Combination of Composite Resin Materials: A Case Report. <i>Journal of Esthetic and Restorative Dentistry</i> , 2005, 17, 85-91.	1.8	10
158	Two-dimensional FEA of Dowels of Different Compositions and External Surface Configurations. <i>Journal of Prosthodontics</i> , 2009, 18, 36-42.	1.7	10
159	Analysis of filler particle levels and sizes in dental alginates. <i>Materials Research</i> , 2010, 13, 261-264.	0.6	10
160	Effect of light sources and curing mode techniques on sorption, solubility and biaxial flexural strength of a composite resin. <i>Journal of Applied Oral Science</i> , 2012, 20, 246-252.	0.7	10
161	Impact of rehabilitation with metal-ceramic restorations on oral health-related quality of life. <i>Brazilian Dental Journal</i> , 2012, 23, 403-408.	0.5	10
162	Bonding of Adhesive Luting Agents to Caries-affected Dentin Induced by a Microcosm Biofilm Model. <i>Operative Dentistry</i> , 2015, 40, E102-E111.	0.6	10

#	ARTICLE	IF	CITATIONS
163	Influence of Battery Level of a Cordless LED Unit on the Properties of a Nanofilled Composite Resin. Operative Dentistry, 2016, 41, 409-416.	0.6	10
164	A new approach for electron microprobe zircon fission track thermochronology. Chemical Geology, 2017, 459, 129-136.	1.4	10
165	Ferrule Design Does Not Affect the Biomechanical Behavior of Anterior Teeth Under Mechanical Fatigue: An In Vitro Evaluation. Operative Dentistry, 2019, 44, 273-280.	0.6	10
166	Influence of ceramic veneer thickness and antagonist on impact stresses during dental trauma with and without a mouthguard assessed with finite element analysis. Dental Traumatology, 2021, 37, 215-222.	0.8	10
167	Influence of bone defect position and span in 3-point bending tests: experimental and finite element analysis. Brazilian Oral Research, 2020, 35, e001.	0.6	10
168	Effect of Resin Cement Mixing and Insertion Method into the Root Canal on Cement Porosity and Fiberglass Post Bond Strength. Journal of Adhesive Dentistry, 2019, 21, 37-46.	0.3	10
169	Micro-Raman spectroscopy and SEM/EDX applied to improve the zircon fission track method used for dating geological formations. Journal of Raman Spectroscopy, 2009, 40, 101-106.	1.2	9
170	Three-point bending testing of fibre posts: critical analysis by finite element analysis. International Endodontic Journal, 2011, 44, 519-524.	2.3	9
171	Root Dentin Strain and Temperature Rise During Endodontic Treatment and Post Rehabilitation. Brazilian Dental Journal, 2013, 24, 591-598.	0.5	9
172	Use of scientific evidence by dentists in Brazil: Room for improving the evidence-based practice. PLoS ONE, 2018, 13, e0203284.	1.1	9
173	Effect of infection control barriers on the light output from a multi-peak light curing unit. Journal of Dentistry, 2020, 103, 103503.	1.7	9
174	Dental trauma: restorative procedures using composite resin and mouthguards for prevention. Journal of Contemporary Dental Practice, 2007, 8, 89-95.	0.2	9
175	Effect of occlusal loading and mechanical properties of resin composite on stress generated in posterior restorations. American Journal of Dentistry, 2014, 27, 129-33.	0.1	9
176	Effect of punch and orifice base sizes in different push-out test setups: stress distribution analysis. Journal of Adhesive Dentistry, 2015, 17, 45-50.	0.3	9
177	Effect of Light Activation of Pulp-Capping Materials and Resin Composite on Dentin Deformation and the Pulp Temperature Change. Operative Dentistry, 2018, 43, 71-80.	0.6	8
178	Influence of impacted canines on the stress distribution during dental trauma with and without a mouthguard. Dental Traumatology, 2019, 35, 276-284.	0.8	8
179	Oxygen Inhibition of Surface Composites and Its Correlation with Degree of Conversion and Color Stability. Brazilian Dental Journal, 2021, 32, 91-97.	0.5	8
180	Lateral Luxation of Incisor - A Case Report of Using a New Cone-Beam Computed Tomography Software and Reposition Guideline. Brazilian Dental Journal, 2020, 31, 337-343.	0.5	8

#	ARTICLE	IF	CITATIONS
181	Microstructural and mechanical analysis of two CAD-CAM lithium disilicate glass-reinforced ceramics. <i>Brazilian Oral Research</i> , 2020, 34, e004.	0.6	8
182	Biomechanical Behavior of Extensively Restored Premolars: Cusp Deformation, Marginal Integrity, and Fracture Resistance. <i>Journal of Adhesive Dentistry</i> , 2015, 17, 213-8.	0.3	8
183	Assessment in vitro of brushing on dental surface roughness alteration by laser interferometry. <i>Brazilian Oral Research</i> , 2008, 22, 11-17.	0.6	7
184	Effect of anti-rotation devices on biomechanical behaviour of teeth restored with cast post-and-cores. <i>International Endodontic Journal</i> , 2010, 43, 681-691.	2.3	7
185	Effect of periodontal therapies on indirect restoration: a scanning electron microscopic analysis. <i>Brazilian Dental Journal</i> , 2010, 21, 130-136.	0.5	7
186	Effects of Etching on Zircon Grains and its Implications for the Fission Track Method. <i>Applied Spectroscopy</i> , 2012, 66, 545-551.	1.2	7
187	Micro-Raman Spectroscopic Characterization of a CR-39 Detector. <i>Applied Spectroscopy</i> , 2013, 67, 404-408.	1.2	7
188	Can the Cure Time of Endodontic Sealers Affect Bond Strength to Root Dentin?. <i>Brazilian Dental Journal</i> , 2013, 24, 340-343.	0.5	7
189	Strain analysis of different diameter Morse taper implants under overloading compressive conditions. <i>Brazilian Oral Research</i> , 2015, 29, 1-6.	0.6	7
190	Influence of crosshead speed on failure load and failure mode of restored maxillary premolars. <i>Brazilian Oral Research</i> , 2016, 30, .	0.6	7
191	Effect of Instrumentation Techniques, Irrigant Solutions and Artificial accelerated Aging on Fiberglass Post Bond Strength to Intraradicular Dentin. <i>Journal of Contemporary Dental Practice</i> , 2015, 16, 523-530.	0.2	7
192	Biomechanical and morphological changes produced by ionizing radiation on bone tissue surrounding dental implant. <i>Journal of Applied Oral Science</i> , 2020, 28, e20200191.	0.7	7
193	Heat generated during light-curing of restorative composites: Effect of curing light, exotherm, and experiment substrate. <i>American Journal of Dentistry</i> , 2016, 29, 234-2240.	0.1	7
194	Effect of gutta-percha solvents on fiberglass post bond strength to root canal dentin. <i>Journal of Oral Science</i> , 2014, 56, 105-112.	0.7	6
195	Apatite fission-track analysis of Cretaceous alkaline rocks of Ponta Grossa and Alto Paranaíba Arches, Brazil. <i>Geological Journal</i> , 2016, 51, 805-810.	0.6	6
196	Powdered coconut water as a storage medium to preserve the viability of periodontal ligament cells: a laboratory study. <i>International Endodontic Journal</i> , 2017, 50, 84-89.	2.3	6
197	Replanted teeth stored in a newly developed powdered coconut water formula. <i>Dental Traumatology</i> , 2018, 34, 114-119.	0.8	6
198	Effect of ethanol-wet bonding on porosity and retention of fiberglass post to root dentin. <i>Brazilian Oral Research</i> , 2020, 34, e020.	0.6	6

#	ARTICLE	IF	CITATIONS
199	Effect of Magnification during Post Space Preparation on Root Cleanness and Fiber Post Bond Strength. Brazilian Dental Journal, 2019, 30, 491-497.	0.5	6
200	Effect of X-ray radiation dose on the bond strength of different adhesive systems to dentin. Journal of Adhesive Dentistry, 2009, 11, 355-60.	0.3	6
201	The new generation of conventional and bulk-fill composites do not reduce the shrinkage stress in endodontically-treated molars. American Journal of Dentistry, 2016, 29, 333-338.	0.1	6
202	Biomechanical behavior of maxillary premolars with conservative and traditional endodontic cavities. Quintessence International, 2019, 50, 350-356.	0.3	6
203	Effect of root canal sealer and artificial accelerated aging on ï–breglass post bond strength to intraradicular dentin. Journal of Clinical and Experimental Dentistry, 2014, 6, e350-6.	0.5	5
204	Recalibration of U-doped standard glasses through uranium thin film for neutron-fluence measurements. Journal of Radioanalytical and Nuclear Chemistry, 2014, 302, 17-26.	0.7	5
205	Long-term effect of chlorhexidine on the dentin microtensile bond strength of conventional and self-adhesive resin cements: A two-year in vitro study. International Journal of Adhesion and Adhesives, 2014, 50, 228-234.	1.4	5
206	Effect of the addition of thiourethane oligomers on the solâ¿gel composition of BisGMA/TEGDMA polymer networks. Dental Materials, 2019, 35, 1523-1531.	1.6	5
207	Photobiomodulation effect of red LED (630 nm) on the free radical levels produced by pulp cells under stress conditions. Lasers in Medical Science, 2022, 37, 607-617.	1.0	5
208	Splint stiffness and extension effects on a simulated avulsed permanent incisorâ€”A patientâ€™s specific finite element analysis. Dental Traumatology, 2022, 38, 53-61.	0.8	5
209	Apical Displacement and Residual Root Canal Filling with Single-Cone After Post Space Preparation: A Micro-CT Analysis. Brazilian Dental Journal, 2020, 31, 25-31.	0.5	5
210	Effect of Composite Resin and Restorative Technique on Polymerization Shrinkage Stress, Cuspal Strain and Fracture Load of Weakened Premolars. Journal of Adhesive Dentistry, 2020, 22, 503-514.	0.3	5
211	Biomechanical Effect of Ferrule on Incisors Restored with a Fiberglass Post and Lithium-Disilicate Ceramic Crown after Thermal Cycling and Fatigue Loading. Journal of Adhesive Dentistry, 2018, 20, 133-142.	0.3	5
212	Finite element Analysis in Dentistry â€” Improving the quality of oral health care. , 2012, , .		4
213	Zircon fission track and Uâ€™Pb dating methods applied to SÃ£o Paulo and TaubatÃ© Basins located in the southeast Brazil. Radiation Measurements, 2013, 50, 172-180.	0.7	4
214	Influence of Abutment Screw Design and Surface Coating on the Bending Flexural Strength of the Implant Set. Journal of Oral Implantology, 2014, 40, 123-128.	0.4	4
215	Effect of different storage media on root dentine composition and viability of fibroblasts evaluated by several assay methods. International Endodontic Journal, 2017, 50, 1185-1191.	2.3	4
216	Fractured alveolar process displacement evaluationâ€”Effect of the rigidity of wireâ€™composite splints. Dental Traumatology, 2021, 37, 247-255.	0.8	4

#	ARTICLE	IF	CITATIONS
217	Practice-based analysis of direct posterior dental restorations performed in a public health service: Retrospective long-term survival in Brazil. PLoS ONE, 2020, 15, e0243288.	1.1	4
218	Effect of the violet light from polywave light-polymerizing units on two resin cements that use different photoinitiators. Journal of Prosthetic Dentistry, 2022, , .	1.1	4
219	The effect of adenotonsillectomy and rapid maxillary expansion on the upper airway in pediatric obstructive sleep apnea: a randomized crossover-controlled trial. Sleep, 2021, , .	0.6	4
220	Effect of Dentin Pretreatment on Bond Strength Stability of Self-etching and Etch-and-Rinse Adhesives to Intracoronally Bleached Dentin. Journal of Adhesive Dentistry, 2016, 18, 349-54.	0.3	4
221	Effect of lectin (ScLL) on fibroblasts stimulated with LPS - an in vitro study. Brazilian Oral Research, 2016, 30, e140.	0.6	3
222	Influence of Hemostatic Solution on Bond Strength and Physicochemical Properties of Resin Cement. Brazilian Dental Journal, 2017, 28, 624-631.	0.5	3
223	Does polishing of bleached enamel affect roughness and tooth color stability after exposure to coffee?. Journal of Esthetic and Restorative Dentistry, 2022, 34, 351-359.	1.8	3
224	Microtensile bond strength of methacrylate and silorane resins to enamel and dentin. Brazilian Dental Journal, 2014, 25, 327-31.	0.5	3
225	Modifying the biomechanical response of mouthguards with hard inserts: A finite element study. American Journal of Dentistry, 2015, 28, 116-20.	0.1	3
226	Effect of radiotherapy, adhesive systems and doxycycline on the bond strength of the dentin-composite interface. American Journal of Dentistry, 2016, 29, 352-356.	0.1	3
227	Influence of the shape core on custom cast dowel and core removal by ultrasonic energy. Journal of Oral Rehabilitation, 2007, 34, 463-467.	1.3	2
228	Influence of core-finishing intervals on tensile strength of cast posts-and-cores luted with zinc phosphate cement. Brazilian Oral Research, 2012, 26, 378-383.	0.6	2
229	Does MTA affect fiber post retention in repaired cervical root canal perforations?. Brazilian Oral Research, 2016, 30, .	0.6	2
230	Biomechanical Principles of Root Canal-Treated-Teeth Restored with Fiber-Reinforced Resin Posts. , 2016, , 87-100.		2
231	Effect of Orthodontic Bracket Type and Mouthguard Presence on the Stress and Strain during a Frontal Impact. Brazilian Dental Journal, 2020, 31, 540-547.	0.5	2
232	Effect of Endodontic Sealer in Young Molars Treated by Undergraduate Students - A Randomized Clinical Trial. Brazilian Dental Journal, 2020, 31, 589-597.	0.5	2
233	Effect of irrigation protocols on root canal wall after post preparation: a micro-CT and microhardness study. Brazilian Oral Research, 2021, 35, e122.	0.6	2
234	Effect of Light-curing Unit Design and Mouth Opening on the Polymerization of Bulk-fill Resin-based Composite Restorations in Molars. Journal of Adhesive Dentistry, 2021, 23, 121-131.	0.3	2

#	ARTICLE	IF	CITATIONS
235	Use of 2-dimethylaminopyridine in tritium and deuterium exchange reactions. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1991, 29, 1257-1260.	0.5	1
236	Effect of a bonding resin layer associated with a self-etching adhesive system on the bond strength of indirect restorations. <i>Journal of Applied Oral Science</i> , 2007, 15, 94-98.	0.7	1
237	Projected length annealing of etched ¹⁵² Sm ion tracks in apatite. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2012, 288, 48-52.	0.6	1
238	Evaluation of coconut water neutralized by different agents on the viability of human fibroblasts: an in vitro study. <i>Universidade Estadual Paulista Revista De Odontologia</i> , 2016, 45, 234-239.	0.3	1
239	Micro-CT analysis of in-office computer-aided designed/computer-aided manufactured dental restorations. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2018, 6, 68-73.	1.3	1
240	Effects of Lectin (Sc<scp>LL</scp>) on osteoclast-like multinucleated giant cellsâ€™ maturationâ€™A preliminary in vitro study. <i>Dental Traumatology</i> , 2018, 34, 329-335.	0.8	1
241	Effect of ScLL and 15d-PGJ2 on viability and cytokine release in LPS-stimulated fibroblasts: an in vitro study. <i>Brazilian Oral Research</i> , 2020, 34, e013.	0.6	1
242	Selective carious tissue removal and glass ionomer liner reduction of pulp stress in bulk fill resin composite restorations. <i>Brazilian Oral Research</i> , 2021, 35, e119.	0.6	1
243	Effect of handpiece light and material used in pulp chamber on dentin removal during root canal retreatment. <i>Brazilian Dental Journal</i> , 2021, 32, 87-95.	0.5	1
244	Fracture resistance of composite resin cores with or without prefabricated posts over different substrates. <i>General Dentistry</i> , 2011, 59, e214-8.	0.4	1
245	Conservative treatment for amelogenesis imperfecta: a case report. <i>General Dentistry</i> , 2014, 62, 74-8.	0.4	1
246	Influence of Er,Cr:YSGG laser on dentin acid resistance after erosive challenge. <i>American Journal of Dentistry</i> , 2019, 32, 215-218.	0.1	1
247	Modified revascularization technique in permanent molars. A case series. <i>Research, Society and Development</i> , 2021, 10, e20810514532.	0.0	0
248	Dental undergraduate students' ability in the diagnosis of root fractures: Comparative analysis of different imaging methods. <i>Journal of Dental Education</i> , 2021, , .	0.7	0
249	Effect of Endodontic Treatment Procedures on Canal Shape and Mechanical Properties of a Tooth. , 2016, , 25-43.		0
250	Effect of internal bleaching agents on the bond strength of glass fiber posts to root dentine. <i>Revista Odonto Ciencia</i> , 2016, 31, 120.	0.0	0
251	Using a fiber-reinforced composite fixed partial denture to restore a missing posterior tooth: a case report. <i>General Dentistry</i> , 2013, 61, 61-5.	0.4	0