

Carlos JosÃ© OsÃ© Soares

List of Publications by Year in descending order

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251
papers

7,137
citations

66343

42
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91884

69
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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. <i>Dental Materials</i> , 2010, 26, e50-e62.	3.5	283
2	Influence of root embedment material and periodontal ligament simulation on fracture resistance tests. <i>Brazilian Oral Research</i> , 2005, 19, 11-16.	1.4	232
3	Ultimate tensile strength of tooth structures. <i>Dental Materials</i> , 2004, 20, 322-329.	3.5	204
4	Mechanical properties, shrinkage stress, cuspal strain and fracture resistance of molars restored with bulk-fill composites and incremental filling technique. <i>Journal of Dentistry</i> , 2015, 43, 1519-1528.	4.1	173
5	Influence of restorative technique on the biomechanical behavior of endodontically treated maxillary premolars. Part I: Fracture resistance and fracture mode. <i>Journal of Prosthetic Dentistry</i> , 2008, 99, 30-37.	2.8	168
6	Polymerization shrinkage stress of composite resins and resin cements " What do we need to know?. <i>Brazilian Oral Research</i> , 2017, 31, e62.	1.4	139
7	Decreased pituitary volume in patients with bipolar disorder. <i>Biological Psychiatry</i> , 2001, 50, 271-280.	1.3	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. <i>Journal of Prosthetic Dentistry</i> , 2014, 112, 1134-1140.	2.8	125
9	Influence of cavity preparation design on fracture resistance of posterior Leucite-reinforced ceramic restorations. <i>Journal of Prosthetic Dentistry</i> , 2006, 95, 421-429.	2.8	121
10	Finite element analysis and bond strength of a glass post to intraradicular dentin: Comparison between microtensile and push-out tests. <i>Dental Materials</i> , 2008, 24, 1405-1411.	3.5	119
11	Finite element analysis of weakened roots restored with composite resin and posts. <i>Dental Materials Journal</i> , 2009, 28, 671-678.	1.8	111
12	Surface Treatment Protocols in the Cementation Process of Ceramic and Laboratory-Processed Composite Restorations: A Literature Review. <i>Journal of Esthetic and Restorative Dentistry</i> , 2005, 17, 224-235.	3.8	106
13	Influence of Ferrule, Post System, and Length on Biomechanical Behavior of Endodontically Treated Anterior Teeth. <i>Journal of Endodontics</i> , 2014, 40, 119-123.	3.1	102
14	Influence of restorative technique on the biomechanical behavior of endodontically treated maxillary premolars.. <i>Journal of Prosthetic Dentistry</i> , 2008, 99, 114-122.	2.8	93
15	Comparison of microtensile bond strength to enamel and dentin of human, bovine, and porcine teeth. <i>Journal of Adhesive Dentistry</i> , 2004, 6, 117-21.	0.5	93
16	The effect of post, core, crown type, and ferrule presence on the biomechanical behavior of endodontically treated bovine anterior teeth. <i>Journal of Prosthetic Dentistry</i> , 2010, 104, 306-317.	2.8	91
17	Dalintide (AC2307), a novel amylin-mimetic peptide: enhanced pharmacological properties over native amylin to reduce food intake and body weight. <i>International Journal of Obesity</i> , 2010, 34, 385-395.	3.4	90
18	Fiber Post Etching with Hydrogen Peroxide: Effect of Concentration and Application Time. <i>Journal of Endodontics</i> , 2011, 37, 398-402.	3.1	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.	5.2	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.	3.1	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.	1.8	84
22	Influence of the Endodontic Treatment on Mechanical Properties of Root Dentin. Journal of Endodontics, 2007, 33, 603-606.	3.1	80
23	Surface/Interface Morphology and Bond Strength to Glass Ceramic Etched for Different Periods. Operative Dentistry, 2010, 35, 420-427.	1.2	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.	5.0	77
25	Longitudinal clinical evaluation of post systems: a literature review. Brazilian Dental Journal, 2012, 23, 135-740.	1.1	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.	2.8	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.	2.8	70
28	Fracture Resistance and Stress Distribution in Endodontically Treated Maxillary Premolars Restored with Composite Resin. Journal of Prosthodontics, 2008, 17, 114-119.	3.7	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.	1.1	67
30	Custom-fitted EVA Mouthguards: what is the ideal thickness? a dynamic finite element impact study. Dental Traumatology, 2016, 32, 95-102.	2.0	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.	0.4	57
32	Influence of endodontic sealer cement on fibreglass post bond strength to root dentine. International Endodontic Journal, 2008, 41, 476-484.	5.0	55
33	Effect of Chlorhexidine Application on Microtensile Bond Strength to Dentin. Operative Dentistry, 2008, 33, 183-188.	1.2	55
34	Radiodensity of enamel and dentin of human, bovine and swine teeth. Archives of Oral Biology, 2004, 49, 919-922.	1.8	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.	2.8	53
36	Influence of the Feldspathic Ceramic Thickness and Shade on the Microhardness of Dual Resin Cement. Operative Dentistry, 2006, 31, 384-389.	1.2	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.	1.8	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.	0.5	49
39	Influence of resin cement and post configuration on bond strength to root dentine. <i>International Endodontic Journal</i> , 2012, 45, 136-145.	5.0	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.	1.2	48
41	Effect of gamma radiation on bonding to human enamel and dentin. <i>Supportive Care in Cancer</i> , 2012, 20, 2873-2878.	2.2	47
42	Common Operative Procedural Errors and Clinical Factors Associated with Root Canal Treatment. <i>Brazilian Dental Journal</i> , 2017, 28, 179-190.	1.1	47
43	Radiodensity of base, liner and luting dental materials. <i>Clinical Oral Investigations</i> , 2006, 10, 114-118.	3.0	45
44	Influence of Emission Spectrum and Irradiance on Light Curing of Resin-Based Composites. <i>Operative Dentistry</i> , 2017, 42, 537-547.	1.2	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.	5.0	43
46	Influence of radiotherapy on the dentin properties and bond strength. <i>Clinical Oral Investigations</i> , 2018, 22, 875-883.	3.0	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.	1.8	41
48	Rapid Prototyping and 3D Virtual Models for Operative Dentistry Education in Brazil. <i>Journal of Dental Education</i> , 2013, 77, 358-363.	1.2	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.	2.8	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.	0.5	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.	2.8	39
52	Microtensile Specimen Attachment and Shape Finite Element Analysis. <i>Journal of Dental Research</i> , 2008, 87, 89-93.	5.2	39
53	Effects of Chlorhexidine and Fluoride on Irradiated Enamel and Dentin. <i>Journal of Dental Research</i> , 2011, 90, 659-664.	5.2	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.	3.8	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.	2.0	38
56	Novel calibration for LA-ICP-MS-based fission-track thermochronology. <i>Physics and Chemistry of Minerals</i> , 2014, 41, 65-73.	0.8	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.	3.5	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.	1.2	37
59	How biomechanics can affect the endodontic treated teeth and their restorative procedures?. <i>Brazilian Oral Research</i> , 2018, 32, e76.	1.4	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.	2.5	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.	3.1	34
62	Asymmetric aza-Claisen rearrangement: Synthesis of (+)-dihydropallescensin-2 [(+)-penlanpallescensin].. <i>Tetrahedron Letters</i> , 1987, 28, 1031-1034.	1.4	33
63	Correlation between the Mechanical Properties and Structural Characteristics of Different Fiber Posts Systems. <i>Brazilian Dental Journal</i> , 2016, 27, 46-51.	1.1	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.	4.1	33
65	Cavity preparation machine for the standardization of <i>in vitro</i> preparations. <i>Brazilian Oral Research</i> , 2008, 22, 281-287.	1.4	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.	1.1	32
67	An Evaluation of the Light Output from 22 Contemporary Light Curing Units. <i>Brazilian Dental Journal</i> , 2017, 28, 362-371.	1.1	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.	2.5	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.	3.1	31
70	Mechanical properties of light-cured composites polymerized with several additional post-curing methods. <i>Operative Dentistry</i> , 2005, 30, 389-94.	1.2	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.	5.0	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.	1.2	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.	1.8	29
74	Evaluation of a dentoalveolar model for testing mouthguards: stress and strain analyses. <i>Dental Traumatology</i> , 2016, 32, 4-13.	2.0	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.	1.8	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.	3.7	28
77	Dental Trauma: Restorative Procedures Using Composite Resin and Mouthguards for Prevention. <i>Journal of Contemporary Dental Practice</i> , 2007, 8, 89-95.	0.5	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.	1.4	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.	1.5	27
80	Flexural modulus, flexural strength, and stiffness of fiber-reinforced posts. <i>Indian Journal of Dental Research</i> , 2009, 20, 277.	0.4	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.	5.0	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.	1.4	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.	1.2	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.	2.8	25
85	Consensus on glass-ionomer cement thresholds for restorative indications. <i>Journal of Dentistry</i> , 2021, 107, 103609.	4.1	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.	1.2	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.	3.7	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.	1.5	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.	3.1	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.	3.5	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.	1.1	22
92	Fracture resistance and mode of failure of various types of root filled teeth. <i>International Endodontic Journal</i> , 2012, 45, 840-847.	5.0	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.	1.4	22
94	The effect of antagonist tooth contact on the biomechanical response of custom-fitted mouthguards. <i>Dental Traumatology</i> , 2017, 33, 57-63.	2.0	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.	3.0	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.	0.5	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.	1.8	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.	1.4	21
99	Surface treatment of glass fiber and carbon fiber posts: SEM characterization. <i>Microscopy Research and Technique</i> , 2011, 74, 1088-1092.	2.2	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.	3.5	21
101	Patient-specific Finite Element Analysis of Fiber Post and Ferrule Design. <i>Journal of Endodontics</i> , 2017, 43, 1539-1544.	3.1	21
102	Effect of Occlusal Splints on the Stress Distribution on the Temporomandibular Joint Disc. <i>Brazilian Dental Journal</i> , 2017, 28, 324-329.	1.1	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.	1.1	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.	3.0	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.	1.8	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.	1.1	20
107	Effect of Ozone Application on the Resin-dentin Microtensile Bond Strength. <i>Operative Dentistry</i> , 2011, 36, 537-544.	1.2	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.	1.1	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.	2.0	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.	1.8	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.	1.1	19
112	Ceramic restoration repair: report of two cases. <i>Journal of Applied Oral Science</i> , 2009, 17, 140-144.	1.8	18
113	Alpha spectrometry study on LR 115 and Makrofol through measurements of track diameter. <i>Radiation Measurements</i> , 2013, 50, 246-248.	1.4	18
114	Etching a Fiber Post Surface with High-concentration Bleaching Agents. <i>Operative Dentistry</i> , 2014, 39, E16-E21.	1.2	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.	2.8	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.	3.5	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.	1.8	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.	1.1	17
120	Influence of Resin Cements on Color Stability of Different Ceramic Systems. <i>Brazilian Dental Journal</i> , 2017, 28, 191-195.	1.1	17
121	Effect of Simulated Pulpal Microcirculation on Temperature When Light Curing Bulk Fill Composites. <i>Operative Dentistry</i> , 2019, 44, 289-301.	1.2	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.	2.8	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.	3.0	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.	1.4	16
125	Effect of Surface Treatment of Fiberglass Posts on Bond Strength to Root Dentin. <i>Brazilian Dental Journal</i> , 2014, 25, 314-320.	1.1	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.	1.4	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.	3.5	16
128	Can intra-radicular cleaning protocols increase the retention of fiberglass posts? A systematic review. <i>Brazilian Oral Research</i> , 2018, 32, e16.	1.4	16
129	Effect of ionizing radiation after-therapy interval on bone: histomorphometric and biomechanical characteristics. <i>Clinical Oral Investigations</i> , 2019, 23, 2785-2793.	3.0	16
130	Inorganic particle analysis of dental impression elastomers. <i>Brazilian Dental Journal</i> , 2010, 21, 520-527.	1.1	15
131	The Effect of Prophylaxis Method on Microtensile Bond Strength of Indirect Restorations to Dentin. <i>Operative Dentistry</i> , 2012, 37, 602-609.	1.2	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.	1.1	15
133	Effect of Restorative Protocol on Cuspal Strain and Residual Stress in Endodontically Treated Molars. <i>Operative Dentistry</i> , 2016, 41, 23-33.	1.2	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.	3.0	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.	1.2	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.	1.1	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.	1.8	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.	1.4	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.	1.1	13
141	Microtensile Bond Strength of Methacrylate and Silorane Resins to Enamel and Dentin. <i>Brazilian Dental Journal</i> , 2014, 25, 327-331.	1.1	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.	1.2	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.	3.1	13
144	Marginal adaptation of indirect composites and ceramic inlay systems. <i>Operative Dentistry</i> , 2003, 28, 689-94.	1.2	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.	5.0	12
146	Biofilm formation on different materials for tooth restoration: analysis of surface characteristics. <i>Journal of Materials Science</i> , 2014, 49, 6820-6829.	3.7	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.	3.1	12
148	Effect of fluoride application during radiotherapy on enamel demineralization. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180044.	1.8	12
149	Radiodensity evaluation of dental impression materials in comparison to tooth structures. <i>Journal of Applied Oral Science</i> , 2010, 18, 467-476.	1.8	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.	1.1	11
151	Influence of different load application devices on fracture resistance of restored premolars. <i>Brazilian Dental Journal</i> , 2012, 23, 484-489.	1.1	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.	1.9	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.	2.6	11
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