

Carlos Jos Os Soares

List of Publications by Citations

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242
papers

5,046
citations

37
h-index

59
g-index

252
ext. papers

5,947
ext. citations

2.9
avg, IF

5.5
L-index

#	Paper	IF	Citations
242	Adhesion to tooth structure: a critical review of "micro" bond strength test methods. <i>Dental Materials</i> , 2010 , 26, e50-62	5.7	209
241	Influence of root embedment material and periodontal ligament simulation on fracture resistance tests. <i>Brazilian Oral Research</i> , 2005 , 19, 11-6	2.6	178
240	Ultimate tensile strength of tooth structures. <i>Dental Materials</i> , 2004 , 20, 322-9	5.7	163
239	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, 30-7	4	131
238	Decreased pituitary volume in patients with bipolar disorder. <i>Biological Psychiatry</i> , 2001 , 50, 271-80	7.9	117
237	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, 1519-28	4.8	107
236	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, 1405-11	5.7	93
235	Influence of cavity preparation design on fracture resistance of posterior Leucite-reinforced ceramic restorations. <i>Journal of Prosthetic Dentistry</i> , 2006 , 95, 421-9	4	93
234	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, 1134-40	4	85
233	Finite element analysis of weakened roots restored with composite resin and posts. <i>Dental Materials Journal</i> , 2009 , 28, 671-8	2.5	80
232	Dalantide (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, 385-95	5.5	79
231	Polymerization shrinkage stress of composite resins and resin cements - What do we need to know?. <i>Brazilian Oral Research</i> , 2017 , 31, e62	2.6	78
230	Influence of restorative technique on the biomechanical behavior of endodontically treated maxillary premolars. Part II: strain measurement and stress distribution. <i>Journal of Prosthetic Dentistry</i> , 2008 , 99, 114-22	4	78
229	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, 224-35	3.5	75
228	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	3	75
227	Influence of ferrule, post system, and length on biomechanical behavior of endodontically treated anterior teeth. <i>Journal of Endodontics</i> , 2014 , 40, 119-23	4.7	71
226	Fiber post etching with hydrogen peroxide: effect of concentration and application time. <i>Journal of Endodontics</i> , 2011 , 37, 398-402	4.7	71

225	The influence of cavity design and glass fiber posts on biomechanical behavior of endodontically treated premolars. <i>Journal of Endodontics</i> , 2008 , 34, 1015-9	4.7	71
224	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, 306-17	4	70
223	Effects of post system and length on the strain and fracture resistance of root filled bovine teeth. <i>International Endodontic Journal</i> , 2008 , 41, 493-501	5.4	69
222	Radiodensity and hardness of enamel and dentin of human and bovine teeth, varying bovine teeth age. <i>Archives of Oral Biology</i> , 2008 , 53, 1023-9	2.8	67
221	Effect of gamma irradiation on ultimate tensile strength of enamel and dentin. <i>Journal of Dental Research</i> , 2010 , 89, 159-64	8.1	66
220	Influence of the endodontic treatment on mechanical properties of root dentin. <i>Journal of Endodontics</i> , 2007 , 33, 603-6	4.7	61
219	Influence of airborne-particle abrasion on mechanical properties and bond strength of carbon/epoxy and glass/bis-GMA fiber-reinforced resin posts. <i>Journal of Prosthetic Dentistry</i> , 2008 , 99, 444-54	4	59
218	Fracture resistance and stress distribution in endodontically treated maxillary premolars restored with composite resin. <i>Journal of Prosthodontics</i> , 2008 , 17, 114-119	3.9	58
217	Longitudinal clinical evaluation of post systems: a literature review. <i>Brazilian Dental Journal</i> , 2012 , 23, 135-740	1.9	55
216	Effect of post type and restorative techniques on the strain and fracture resistance of flared incisor roots. <i>Brazilian Dental Journal</i> , 2011 , 22, 230-7	1.9	50
215	Surface/interface morphology and bond strength to glass ceramic etched for different periods. <i>Operative Dentistry</i> , 2010 , 35, 420-7	2.9	50
214	Radiodensity of enamel and dentin of human, bovine and swine teeth. <i>Archives of Oral Biology</i> , 2004 , 49, 919-22	2.8	48
213	Effect of the crown, post, and remaining coronal dentin on the biomechanical behavior of endodontically treated maxillary central incisors. <i>Journal of Prosthetic Dentistry</i> , 2014 , 111, 234-46	4	47
212	Influence of endodontic sealer cement on fibreglass post bond strength to root dentine. <i>International Endodontic Journal</i> , 2008 , 41, 476-84	5.4	43
211	Effect of chlorhexidine application on microtensile bond strength to dentin. <i>Operative Dentistry</i> , 2008 , 33, 183-8	2.9	41
210	Custom-Fitted EVA Mouthguards: what is the ideal thickness? a dynamic finite element impact study. <i>Dental Traumatology</i> , 2016 , 32, 95-102	4.5	40
209	Influence of the feldspathic ceramic thickness and shade on the microhardness of dual resin cement. <i>Operative Dentistry</i> , 2006 , 31, 384-9	2.9	39
208	Influence of different post design and composition on stress distribution in maxillary central incisor: Finite element analysis. <i>Indian Journal of Dental Research</i> , 2009 , 20, 153-8	0.8	39

207	Effect of gamma radiation on bonding to human enamel and dentin. <i>Supportive Care in Cancer</i> , 2012 , 20, 2873-8	3.9	37
206	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	3.3	37
205	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	3	37
204	Influence of alveolar bone loss, post type, and ferrule presence on the biomechanical behavior of endodontically treated maxillary canines: strain measurement and stress distribution. <i>Journal of Prosthetic Dentistry</i> , 2013 , 110, 116-26	4	36
203	Fracture resistance and stress distribution of simulated immature teeth after apexification with mineral trioxide aggregate. <i>International Endodontic Journal</i> , 2014 , 47, 958-66	5.4	33
202	Radiodensity of base, liner and luting dental materials. <i>Clinical Oral Investigations</i> , 2006 , 10, 114-8	4.2	33
201	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, 147-57	4	32
200	Measuring bond strength between fiber post and root dentin: a comparison of different tests. <i>Journal of Adhesive Dentistry</i> , 2010 , 12, 477-85	3	32
199	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, 567-80	2.9	31
198	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, E206-21	2.9	31
197	Novel calibration for LA-ICP-MS-based fission-track thermochronology. <i>Physics and Chemistry of Minerals</i> , 2014 , 41, 65-73	1.6	31
196	Influence of resin cement and post configuration on bond strength to root dentine. <i>International Endodontic Journal</i> , 2012 , 45, 136-45	5.4	31
195	Novel exenatide analogs with peptidic albumin binding domains: potent anti-diabetic agents with extended duration of action. <i>PLoS ONE</i> , 2014 , 9, e87704	3.7	31
194	Potential of coconut water and soy milk for use as storage media to preserve the viability of periodontal ligament cells: an in vitro study. <i>Dental Traumatology</i> , 2014 , 30, 22-6	4.5	30
193	Effects of chlorhexidine and fluoride on irradiated enamel and dentin. <i>Journal of Dental Research</i> , 2011 , 90, 659-64	8.1	29
192	Improved glucose control and reduced body weight in rodents with dual mechanism of action peptide hybrids. <i>PLoS ONE</i> , 2013 , 8, e78154	3.7	29
191	Influence of Emission Spectrum and Irradiance on Light Curing of Resin-Based Composites. <i>Operative Dentistry</i> , 2017 , 42, 537-547	2.9	28
190	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	3.3	28

189	Microtensile specimen attachment and shape--finite element analysis. <i>Journal of Dental Research</i> , 2008 , 87, 89-93	8.1	28
188	Cavity preparation machine for the standardization of in vitro preparations. <i>Brazilian Oral Research</i> , 2008 , 22, 281-7	2.6	27
187	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, 277-84	4	27
186	Asymmetric aza-Claisen rearrangement: Synthesis of (+)-dihydropallescensin-2 [(+)-penlanpallescensin].. <i>Tetrahedron Letters</i> , 1987 , 28, 1031-1034	2	27
185	Influence of post system and remaining coronal tooth tissue on biomechanical behaviour of root filled molar teeth. <i>International Endodontic Journal</i> , 2011 , 44, 386-94	5.4	26
184	Mechanical properties of light-cured composites polymerized with several additional post-curing methods. <i>Operative Dentistry</i> , 2005 , 30, 389-94	2.9	26
183	Degree of Conversion and Mechanical Properties of Resin Cements Cured Through Different All-Ceramic Systems. <i>Brazilian Dental Journal</i> , 2015 , 26, 484-9	1.9	25
182	Dental Trauma: Restorative Procedures Using Composite Resin and Mouthguards for Prevention. <i>Journal of Contemporary Dental Practice</i> , 2007 , 8, 89-95	0.7	25
181	Esthetic rehabilitation of anterior teeth affected by enamel hypoplasia: a case report. <i>Journal of Esthetic and Restorative Dentistry</i> , 2002 , 14, 340-8	3.5	24
180	Correlation between the Mechanical Properties and Structural Characteristics of Different Fiber Posts Systems. <i>Brazilian Dental Journal</i> , 2016 , 27, 46-51	1.9	24
179	Histologic and micro-computed tomographic analyses of replanted teeth stored in different kind of media. <i>Journal of Endodontics</i> , 2014 , 40, 665-9	4.7	23
178	Rapid Prototyping and 3D-Virtual Models for Operative Dentistry Education in Brazil. <i>Journal of Dental Education</i> , 2013 , 77, 358-363	1.6	23
177	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, 1454-8	4.7	22
176	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, e50-62	5.7	22
175	An Evaluation of the Light Output from 22 Contemporary Light Curing Units. <i>Brazilian Dental Journal</i> , 2017 , 28, 362-371	1.9	22
174	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	4.8	21
173	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, 130-7	3.9	21
172	Flexural modulus, flexural strength, and stiffness of fiber-reinforced posts. <i>Indian Journal of Dental Research</i> , 2009 , 20, 277-81	0.8	21

171	Common Operative Procedural Errors and Clinical Factors Associated with Root Canal Treatment. <i>Brazilian Dental Journal</i> , 2017 , 28, 179-190	1.9	20
170	Fission track and U ²³⁵ 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	2	20
169	Mechanical properties of light-curing composites polymerized with different laboratory photo-curing units. <i>Dental Materials Journal</i> , 2007 , 26, 217-23	2.5	20
168	Effect of calcium hydroxide and endodontic irrigants on fibre post bond strength to root canal dentine. <i>International Endodontic Journal</i> , 2013 , 46, 738-46	5.4	19
167	Fracture resistance and mode of failure of various types of root filled teeth. <i>International Endodontic Journal</i> , 2012 , 45, 840-7	5.4	19
166	Marginal integrity and microleakage of direct and indirect composite inlays: SEM and stereomicroscopic evaluation. <i>Brazilian Oral Research</i> , 2005 , 19, 295-301	2.6	19
165	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	2.9	18
164	Correlation between polymerization stress and interfacial integrity of composites restorations assessed by different in vitro tests. <i>Dental Materials</i> , 2014 , 30, 984-92	5.7	18
163	Radiopacity and Porosity of Bulk-fill and Conventional Composite Posterior Restorations-Digital X-ray Analysis. <i>Operative Dentistry</i> , 2017 , 42, 616-625	2.9	18
162	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, 447-55	3.9	18
161	Surface treatment of glass fiber and carbon fiber posts: SEM characterization. <i>Microscopy Research and Technique</i> , 2011 , 74, 1088-92	2.8	18
160	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, 577-84	3.3	18
159	Influence of radiotherapy on the dentin properties and bond strength. <i>Clinical Oral Investigations</i> , 2018 , 22, 875-883	4.2	18
158	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	3.3	17
157	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, 1523-32	5.7	16
156	Alpha spectrometry study on LR 115 and Makrofol through measurements of track diameter. <i>Radiation Measurements</i> , 2013 , 50, 246-248	1.5	16
155	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	1.5	16
154	Bond strength between fiber posts and composite resin core: influence of temperature on silane coupling agents. <i>Brazilian Dental Journal</i> , 2012 , 23, 8-14	1.9	16

153	Evaluation of a dentoalveolar model for testing mouthguards: stress and strain analyses. <i>Dental Traumatology</i> , 2016 , 32, 4-13	4.5	16
152	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	3	16
151	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, 235-40	1.9	15
150	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, 352-7	2.6	15
149	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, 331-6	4.2	15
148	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	4	14
147	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, 467-74	4	14
146	Effect of topical application of dipyrone on dental sensitivity reduction after in-office dental bleaching: A randomized, triple-blind multicenter clinical trial. <i>Journal of the American Dental Association</i> , 2018 , 149, 363-371	1.9	14
145	Etching a fiber post surface with high-concentration bleaching agents. <i>Operative Dentistry</i> , 2014 , 39, E16-21	2.9	14
144	Patient-specific Finite Element Analysis of Fiber Post and Ferrule Design. <i>Journal of Endodontics</i> , 2017 , 43, 1539-1544	4.7	14
143	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, 630-6	1.9	14
142	Measurement of elastic modulus and Vickers hardness of surround bone implant using dynamic microindentation--parameters definition. <i>Brazilian Dental Journal</i> , 2014 , 25, 385-90	1.9	14
141	How biomechanics can affect the endodontic treated teeth and their restorative procedures?. <i>Brazilian Oral Research</i> , 2018 , 32, e76	2.6	14
140	Fracture resistance of teeth restored with indirect-composite and ceramic inlay systems. <i>Quintessence International</i> , 2004 , 35, 281-6		14
139	Radiodensity evaluation of seven root post systems. <i>American Journal of Dentistry</i> , 2005 , 18, 57-60	1.3	14
138	Effect of Restorative Protocol on Cuspal Strain and Residual Stress in Endodontically Treated Molars. <i>Operative Dentistry</i> , 2016 , 41, 23-33	2.9	13
137	Effect of surface treatment of fiberglass posts on bond strength to root dentin. <i>Brazilian Dental Journal</i> , 2014 , 25, 314-20	1.9	13
136	Effect of ozone application on the resin-dentin microtensile bond strength. <i>Operative Dentistry</i> , 2011 , 36, 537-44	2.9	13

135	The effect of antagonist tooth contact on the biomechanical response of custom-fitted mouthguards. <i>Dental Traumatology</i> , 2017 , 33, 57-63	4.5	12
134	Evaluation of Eye Protection Filters Used with Broad-Spectrum and Conventional LED Curing Lights. <i>Brazilian Dental Journal</i> , 2017 , 28, 9-15	1.9	12
133	The effect of dental treatment on oral health-related quality of life in adolescents. <i>Clinical Oral Investigations</i> , 2018 , 22, 2291-2297	4.2	12
132	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	4.1	12
131	Non-cariou cervical lesions: influence of morphology and load type on biomechanical behaviour of maxillary incisors. <i>Australian Dental Journal</i> , 2013 , 58, 306-14	2.3	12
130	The influence of the cavity preparation design on marginal accuracy of laboratory-processed resin composite restorations. <i>Clinical Oral Investigations</i> , 2008 , 12, 53-9	4.2	12
129	Marginal adaptation of indirect composites and ceramic inlay systems. <i>Operative Dentistry</i> , 2003 , 28, 689-94	2.9	12
128	Effect of pre-treatment with chlorhexidine on the retention of restorations: a randomized controlled trial. <i>Brazilian Dental Journal</i> , 2015 , 26, 234-41	1.9	11
127	Effect of bone loss simulation and periodontal splinting on bone strain: Periodontal splints and bone strain. <i>Archives of Oral Biology</i> , 2011 , 56, 1373-81	2.8	11
126	Inorganic particle analysis of dental impression elastomers. <i>Brazilian Dental Journal</i> , 2010 , 21, 520-7	1.9	11
125	Ceramic restoration repair: report of two cases. <i>Journal of Applied Oral Science</i> , 2009 , 17, 140-4	3.3	11
124	Dental wear caused by association between bruxism and gastroesophageal reflux disease: a rehabilitation report. <i>Journal of Applied Oral Science</i> , 2007 , 15, 327-33	3.3	11
123	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	5.7	11
122	Stress-strain Analysis of Premolars With Non-cariou Cervical Lesions: Influence of Restorative Material, Loading Direction and Mechanical Fatigue. <i>Operative Dentistry</i> , 2017 , 42, 253-265	2.9	10
121	Influence of Resin Cements on Color Stability of Different Ceramic Systems. <i>Brazilian Dental Journal</i> , 2017 , 28, 191-195	1.9	10
120	Soy milk as a storage medium to preserve human fibroblast cell viability: an in vitro study. <i>Brazilian Dental Journal</i> , 2012 , 23, 559-63	1.9	10
119	Radiodensity evaluation of dental impression materials in comparison to tooth structures. <i>Journal of Applied Oral Science</i> , 2010 , 18, 467-76	3.3	10
118	Influence of sterilization method on the bond strength of caries-affected dentin. <i>Brazilian Oral Research</i> , 2009 , 23, 11-6	2.6	10

117	The effect of prophylaxis method on microtensile bond strength of indirect restorations to dentin. <i>Operative Dentistry</i> , 2012 , 37, 602-9	2.9	10
116	Effect of ionizing radiation after-therapy interval on bone: histomorphometric and biomechanical characteristics. <i>Clinical Oral Investigations</i> , 2019 , 23, 2785-2793	4.2	10
115	A new approach for electron microprobe zircon fission track thermochronology. <i>Chemical Geology</i> , 2017 , 459, 129-136	4.2	9
114	Bonding of Adhesive Luting Agents to Caries-affected Dentin Induced by a Microcosm Biofilm Model. <i>Operative Dentistry</i> , 2015 , 40, E102-11	2.9	9
113	Characterisation of Apatites as Potential Uranium Reference Materials for Fission-track Dating by LA-ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2015 , 39, 305-313	3.6	9
112	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	1.9	9
111	Actinides in Geology, Energy, and the Environment. Further investigation of the initial fission-track length and geometry factor in apatite fission-track thermochronology. <i>American Mineralogist</i> , 2013 , 98, 1381-1392	2.9	9
110	Effects of threaded post placement on strain and stress distribution of endodontically treated teeth. <i>Brazilian Oral Research</i> , 2013 , 27, 305-10	2.6	9
109	Micro-Raman spectroscopy and SEM/EDX applied to improve the zircon fission track method used for dating geological formations. <i>Journal of Raman Spectroscopy</i> , 2009 , 40, 101-106	2.3	9
108	Two-dimensional FEA of dowels of different compositions and external surface configurations. <i>Journal of Prosthodontics</i> , 2009 , 18, 36-42	3.9	9
107	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; discussion 92	3.5	9
106	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	2.6	9
105	Rapid prototyping and 3D-virtual models for operative dentistry education in Brazil. <i>Journal of Dental Education</i> , 2013 , 77, 358-63	1.6	9
104	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, 217-24	1.9	8
103	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	3.5	8
102	Impact of rehabilitation with metal-ceramic restorations on oral health-related quality of life. <i>Brazilian Dental Journal</i> , 2012 , 23, 403-8	1.9	8
101	Three-point bending testing of fibre posts: critical analysis by finite element analysis. <i>International Endodontic Journal</i> , 2011 , 44, 519-24	5.4	8
100	Effect of gamma irradiation and restorative material on the biomechanical behaviour of root filled premolars. <i>International Endodontic Journal</i> , 2011 , 44, 1047-54	5.4	8

99	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	1.9	8
98	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	4.2	8
97	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	5.7	8
96	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	2.9	7
95	Can intra-radicular cleaning protocols increase the retention of fiberglass posts? A systematic review. <i>Brazilian Oral Research</i> , 2018 , 32, e16	2.6	7
94	Biofilm formation on different materials for tooth restoration: analysis of surface characteristics. <i>Journal of Materials Science</i> , 2014 , 49, 6820-6829	4.3	7
93	Influence of different load application devices on fracture resistance of restored premolars. <i>Brazilian Dental Journal</i> , 2012 , 23, 484-9	1.9	7
92	Can the cure time of endodontic sealers affect bond strength to root dentin?. <i>Brazilian Dental Journal</i> , 2013 , 24, 340-3	1.9	7
91	Effect of anti-rotation devices on biomechanical behaviour of teeth restored with cast post-and-cores. <i>International Endodontic Journal</i> , 2010 , 43, 681-91	5.4	7
90	Effect of periodontal therapies on indirect restoration: a scanning electron microscopic analysis. <i>Brazilian Dental Journal</i> , 2010 , 21, 130-6	1.9	7
89	Effects of etching on zircon grains and its implications for the fission track method. <i>Applied Spectroscopy</i> , 2012 , 66, 545-51	3.1	7
88	Consensus on glass-ionomer cement thresholds for restorative indications. <i>Journal of Dentistry</i> , 2021 , 107, 103609	4.8	7
87	Dental trauma: restorative procedures using composite resin and mouthguards for prevention. <i>Journal of Contemporary Dental Practice</i> , 2007 , 8, 89-95	0.7	7
86	Effect of punch and orifice base sizes in different push-out test setups: stress distribution analysis. <i>Journal of Adhesive Dentistry</i> , 2015 , 17, 45-50	3	7
85	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	5.4	6
84	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	2.9	6
83	A 12-Year Retrospective Study of Avulsion Cases in a Public Brazilian Dental Trauma Service. <i>Brazilian Dental Journal</i> , 2017 , 28, 749-756	1.9	6
82	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	4.5	6

81	Effect of Simulated Pulpal Microcirculation on Temperature When Light Curing Bulk Fill Composites. <i>Operative Dentistry</i> , 2019 , 44, 289-301	2.9	6
80	Replanted teeth stored in a newly developed powdered coconut water formula. <i>Dental Traumatology</i> , 2018 , 34, 114-119	4.5	5
79	Influence of Battery Level of a Cordless LED Unit on the Properties of a Nanofilled Composite Resin. <i>Operative Dentistry</i> , 2016 , 41, 409-16	2.9	5
78	Effect of Occlusal Splints on the Stress Distribution on the Temporomandibular Joint Disc. <i>Brazilian Dental Journal</i> , 2017 , 28, 324-329	1.9	5
77	Effect of root canal sealer and artificial accelerated aging on Breglass post bond strength to intraradicular dentin. <i>Journal of Clinical and Experimental Dentistry</i> , 2014 , 6, e350-6	1.4	5
76	Recalibration of U-doped standard glasses through uranium thin film for neutron-fluence measurements. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014 , 302, 17-26	1.5	5
75	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, 246-52	3.3	5
74	Root dentin strain and temperature rise during endodontic treatment and post rehabilitation. <i>Brazilian Dental Journal</i> , 2013 , 24, 591-8	1.9	5
73	Effect of Resin Cement Mixing and Insertion Method into the Root Canal on Cement Porosity and Fiberglass Post Bond Strength. <i>Journal of Adhesive Dentistry</i> , 2019 , 21, 37-46	3	5
72	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	3.3	5
71	Ferrule Design Does Not Affect the Biomechanical Behavior of Anterior Teeth Under Mechanical Fatigue: An Evaluation. <i>Operative Dentistry</i> , 2019 , 44, 273-280	2.9	5
70	Influence of bone defect position and span in 3-point bending tests: experimental and finite element analysis. <i>Brazilian Oral Research</i> , 2020 , 35, e001	2.6	5
69	Use of scientific evidence by dentists in Brazil: Room for improving the evidence-based practice. <i>PLoS ONE</i> , 2018 , 13, e0203284	3.7	5
68	Effect of X-ray radiation dose on the bond strength of different adhesive systems to dentin. <i>Journal of Adhesive Dentistry</i> , 2009 , 11, 355-60	3	5
67	Effect of occlusal loading and mechanical properties of resin composite on stress generated in posterior restorations. <i>American Journal of Dentistry</i> , 2014 , 27, 129-33	1.3	5
66	The new generation of conventional and bulk-fill composites do not reduce the shrinkage stress in endodontically-treated molars. <i>American Journal of Dentistry</i> , 2016 , 29, 333-338	1.3	5
65	Biomechanical Behavior of Extensively Restored Premolars: Cusp Deformation, Marginal Integrity, and Fracture Resistance. <i>Journal of Adhesive Dentistry</i> , 2015 , 17, 213-8	3	5
64	Effect of fluoride application during radiotherapy on enamel demineralization. <i>Journal of Applied Oral Science</i> , 2018 , 27, e20180044	3.3	4

63	Effect of the addition of thiourethane oligomers on the sol-gel composition of BisGMA/TEGDMA polymer networks. <i>Dental Materials</i> , 2019 , 35, 1523-1531	5.7	4
62	Zircon fission track and U/Pb dating methods applied to São Paulo and Taubaté Basins located in the southeast Brazil. <i>Radiation Measurements</i> , 2013 , 50, 172-180	1.5	4
61	Micro-Raman spectroscopic characterization of a CR-39 detector. <i>Applied Spectroscopy</i> , 2013 , 67, 404-8	3.1	4
60	Effect of ethanol-wet bonding on porosity and retention of fiberglass post to root dentin. <i>Brazilian Oral Research</i> , 2020 , 34, e020	2.6	4
59	Effect of Composite Resin and Restorative Technique on Polymerization Shrinkage Stress, Cuspal Strain and Fracture Load of Weakened Premolars. <i>Journal of Adhesive Dentistry</i> , 2020 , 22, 503-514	3	4
58	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, 523-30	0.7	4
57	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	4	4
56	Influence of crosshead speed on failure load and failure mode of restored maxillary premolars. <i>Brazilian Oral Research</i> , 2016 , 30,	2.6	4
55	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	1.3	4
54	Effect of Dentin Pretreatment on Bond Strength Stability of Self-etching and Etch-and-Rinse Adhesives to Intracoronally Bleached Dentin. <i>Journal of Adhesive Dentistry</i> , 2016 , 18, 349-54	3	4
53	Effect of different storage media on root dentine composition and viability of fibroblasts evaluated by several assay methods. <i>International Endodontic Journal</i> , 2017 , 50, 1185-1191	5.4	3
52	Influence of impacted canines on the stress distribution during dental trauma with and without a mouthguard. <i>Dental Traumatology</i> , 2019 , 35, 276-284	4.5	3
51	Effect of Light Activation of Pulp-Capping Materials and Resin Composite on Dentin Deformation and the Pulp Temperature Change. <i>Operative Dentistry</i> , 2018 , 43, 71-80	2.9	3
50	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	2.8	3
49	Effect of gutta-percha solvents on fiberglass post bond strength to root canal dentin. <i>Journal of Oral Science</i> , 2014 , 56, 105-12	1.5	3
48	Strain analysis of different diameter Morse taper implants under overloading compressive conditions. <i>Brazilian Oral Research</i> , 2015 , 29,	2.6	3
47	Finite element Analysis in Dentistry Improving the quality of oral health care 2012 ,		3
46	Analysis of filler particle levels and sizes in dental alginates. <i>Materials Research</i> , 2010 , 13, 261-264	1.5	3

45	Assessment in vitro of brushing on dental surface roughness alteration by laser interferometry. <i>Brazilian Oral Research</i> , 2008 , 22, 11-7	2.6	3
44	Apical Displacement and Residual Root Canal Filling with Single-Cone After Post Space Preparation: A Micro-CT Analysis. <i>Brazilian Dental Journal</i> , 2020 , 31, 25-31	1.9	3
43	Effect of Magnification during Post Space Preparation on Root Cleanness and Fiber Post Bond Strength. <i>Brazilian Dental Journal</i> , 2019 , 30, 491-497	1.9	3
42	Effects of fractionation and ionizing radiation dose on the chemical composition and microhardness of enamel. <i>Archives of Oral Biology</i> , 2021 , 121, 104959	2.8	3
41	Microtensile bond strength of methacrylate and silorane resins to enamel and dentin. <i>Brazilian Dental Journal</i> , 2014 , 25, 327-31	1.9	3
40	Effect of radiotherapy, adhesive systems and doxycycline on the bond strength of the dentin-composite interface. <i>American Journal of Dentistry</i> , 2016 , 29, 352-356	1.3	3
39	Biomechanical Effect of Ferrule on Incisors Restored with a Fiberglass Post and Lithium-Disilicate Ceramic Crown after Thermal Cycling and Fatigue Loading. <i>Journal of Adhesive Dentistry</i> , 2018 , 20, 133-142	3.2	3
38	Apatite fission-track analysis of Cretaceous alkaline rocks of Ponta Grossa and Alto Paranaíba Arches, Brazil. <i>Geological Journal</i> , 2016 , 51, 805-810	1.7	2
37	Long-term effect of chlorhexidine on the dentin microtensile bond strength of conventional and self-adhesive resin cements: A two-year in vitro study. <i>International Journal of Adhesion and Adhesives</i> , 2014 , 50, 228-234	3.4	2
36	Influence of abutment screw design and surface coating on the bending flexural strength of the implant set. <i>Journal of Oral Implantology</i> , 2014 , 40, 123-8	1.2	2
35	Influence of core-finishing intervals on tensile strength of cast posts-and-cores luted with zinc phosphate cement. <i>Brazilian Oral Research</i> , 2012 , 26, 378-83	2.6	2
34	Influence of the shape core on custom cast dowel and core removal by ultrasonic energy. <i>Journal of Oral Rehabilitation</i> , 2007 , 34, 463-7	3.4	2
33	Practice-based analysis of direct posterior dental restorations performed in a public health service: Retrospective long-term survival in Brazil. <i>PLoS ONE</i> , 2020 , 15, e0243288	3.7	2
32	Lateral Luxation of Incisor - A Case Report of Using a New Cone-Beam Computed Tomography Software and Reposition Guideline. <i>Brazilian Dental Journal</i> , 2020 , 31, 337-343	1.9	2
31	Microstructural and mechanical analysis of two CAD-CAM lithium disilicate glass-reinforced ceramics. <i>Brazilian Oral Research</i> , 2020 , 34, e004	2.6	2
30	Effect of infection control barriers on the light output from a multi-peak light curing unit. <i>Journal of Dentistry</i> , 2020 , 103, 103503	4.8	2
29	Effect of lectin (ScLL) on fibroblasts stimulated with LPS - an in vitro study. <i>Brazilian Oral Research</i> , 2016 , 30, e140	2.6	2
28	Does MTA affect fiber post retention in repaired cervical root canal perforations?. <i>Brazilian Oral Research</i> , 2016 , 30,	2.6	2

27	Modifying the biomechanical response of mouthguards with hard inserts: A finite element study. <i>American Journal of Dentistry</i> , 2015 , 28, 116-20	1.3	2
26	Biomechanical behavior of maxillary premolars with conservative and traditional endodontic cavities. <i>Quintessence International</i> , 2019 , 50, 350-356	2	2
25	Biomechanical Principles of Root Canal-Treated-Teeth Restored with Fiber-Reinforced Resin Posts 2016 , 87-100		1
24	Projected length annealing of etched ¹⁵² Sm ion tracks in apatite. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2012 , 288, 48-52	1.2	1
23	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, 94-8	3.3	1
22	Use of 2-dimethylaminopyridine in tritium and deuterium exchange reactions. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1991 , 29, 1257-1260	1.9	1
21	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	2.6	1
20	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	2.6	1
19	Biomechanical and morphological changes produced by ionizing radiation on bone tissue surrounding dental implant. <i>Journal of Applied Oral Science</i> , 2020 , 28, e20200191	3.3	1
18	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	1.3	1
17	Oxygen Inhibition of Surface Composites and Its Correlation with Degree of Conversion and Color Stability. <i>Brazilian Dental Journal</i> , 2021 , 32, 91-97	1.9	1
16	Three-dimensional finite element stress analysis of teeth adjacent to a traumatized incisor. <i>Dental Traumatology</i> , 2019 , 35, 128-134	4.5	1
15	Influence of Er,Cr:YSGG laser on dentin acid resistance after erosive challenge. <i>American Journal of Dentistry</i> , 2019 , 32, 215-218	1.3	1
14	Effect of the violet light from polywave light-polymerizing units on two resin cements that use different photoinitiators.. <i>Journal of Prosthetic Dentistry</i> , 2022 ,	4	1
13	Effect of Endodontic Sealer in Young Molars Treated by Undergraduate Students - A Randomized Clinical Trial. <i>Brazilian Dental Journal</i> , 2020 , 31, 589-597	1.9	0
12	Photobiomodulation effect of red LED (630 nm) on the free radical levels produced by pulp cells under stress conditions. <i>Lasers in Medical Science</i> , 2021 , 1	3.1	0
11	Influence of ceramic veneer thickness and antagonist on impact stresses during dental trauma with and without a mouthguard assessed with finite element analysis. <i>Dental Traumatology</i> , 2021 , 37, 215-224	4.5	0
10	Fractured alveolar process displacement evaluation-Effect of the rigidity of wire-composite splints. <i>Dental Traumatology</i> , 2021 , 37, 247-255	4.5	0

9	Fracture resistance of composite resin cores with or without prefabricated posts over different substrates. <i>General Dentistry</i> , 2011 , 59, e214-8	1.2	0
8	Influence of Hemostatic Solution on Bond Strength and Physicochemical Properties of Resin Cement. <i>Brazilian Dental Journal</i> , 2017 , 28, 624-631	1.9	
7	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	0.9	
6	Effects of Lectin (ScLL) on osteoclast-like multinucleated giant cellsPmaturation-A preliminary in vitro study. <i>Dental Traumatology</i> , 2018 , 34, 329-335	4.5	
5	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	1.9	
4	Effect of Orthodontic Bracket Type and Mouthguard Presence on the Stress and Strain during a Frontal Impact. <i>Brazilian Dental Journal</i> , 2020 , 31, 540-547	1.9	
3	Effect of irrigation protocols on root canal wall after post preparation: a micro-CT and microhardness study. <i>Brazilian Oral Research</i> , 2021 , 35, e122	2.6	
2	Effect of Endodontic Treatment Procedures on Canal Shape and Mechanical Properties of a Tooth 2016 , 25-43		
1	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	1.2	