Cesar Arrais

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Light curing in dentistry and clinical implications: a literature review. Brazilian Oral Research, 2017, 31, e61.	1.4	137
2	Effect of curing mode on the polymerization characteristics of dual-cured resin cement systems. Journal of Dentistry, 2008, 36, 418-426.	4.1	125
3	Highâ€concentrated carbamide peroxide bleaching agents effects on enamel surface. Journal of Oral Rehabilitation, 2004, 31, 155-159.	3.0	123
4	Microtensile bond strength of new self-adhesive luting agents and conventional multistep systems. Journal of Prosthetic Dentistry, 2009, 102, 306-312.	2.8	123
5	Kinetic analysis of monomer conversion in auto- and dual-polymerizing modes of commercial resin luting cements. Journal of Prosthetic Dentistry, 2009, 101, 128-136.	2.8	84
6	Effect of sodium sulfinate salts on the polymerization characteristics of dual-cured resin cement systems exposed to attenuated light-activation. Journal of Dentistry, 2009, 37, 219-227.	4.1	78
7	The effect of photopolymerization on the degree of conversion, polymerization kinetic, biaxial flexure strength, and modulus of self-adhesive resin cements. Journal of Prosthetic Dentistry, 2015, 113, 128-134.	2.8	67
8	Effects of desensitizing agents on dentinal tubule occlusion. Journal of Applied Oral Science, 2004, 12, 144-148.	1.8	63
9	Ultramorphological analysis of resin-dentin interfaces produced with water-based single-step and two-step adhesives: Nanoleakage expression. Journal of Biomedical Materials Research Part B, 2004, 71B, 90-98.	3.1	56
10	Effects of additional and extended acid etching on bonding to caries-affected dentine. European Journal of Oral Sciences, 2004, 112, 458-464.	1.5	52
11	Influence of Curing Mode and Time on Degree of Conversion of One Conventional and Two Self-adhesive Resin Cements. Operative Dentistry, 2010, 35, 295-299.	1.2	52
12	Occluding effect of dentifrices on dentinal tubules. Journal of Dentistry, 2003, 31, 577-584.	4.1	49
13	Microtensile bond strength of dual-polymerizing cementing systems to dentin using different polymerizing modes. Journal of Prosthetic Dentistry, 2007, 97, 99-106.	2.8	48
14	Effect of Temperature on the Degree of Conversion and Working Time of Dual-Cured Resin Cements Exposed to Different Curing Conditions. Operative Dentistry, 2012, 37, 370-379.	1.2	48
15	In vivo temperature rise in anesthetized human pulp during exposure to a polywave LED light curing unit. Dental Materials, 2015, 31, 505-513.	3.5	44
16	Effect of storage times and mechanical load cycling on dentin bond strength ofÂconventional and self-adhesive resin luting cements. Journal of Prosthetic Dentistry, 2014, 111, 404-410.	2.8	41
17	Porosity, water sorption and solubility of denture base acrylic resins polymerized conventionally or in microwave. Journal of Applied Oral Science, 2018, 26, e20170383.	1.8	37
18	Effects of the Solvent Evaporation Technique on the Degree of Conversion of One-Bottle Adhesive Systems. Operative Dentistry, 2008, 33, 149-154.	1.2	36

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19	Degree of conversion of adhesive systems light-cured by LED and halogen light. Brazilian Dental Journal, 2007, 18, 54-59.	1.1	33
20	Influence of resin cement shade on the color and translucency of ceramic veneers. Journal of Applied Oral Science, 2016, 24, 391-396.	1.8	32
21	Effect of the Association of Nystatin with a Tissue Conditioner on its Ultimate Tensile Strength. Journal of Prosthodontics, 2006, 15, 295-299.	3.7	30
22	Micromorphology of resin–dentin interfaces using oneâ€bottle etch&rinse and selfâ€etching adhesive systems on laserâ€treated dentin surfaces: A confocal laser scanning microscope analysis. Lasers in Surgery and Medicine, 2010, 42, 662-670.	2.1	30
23	Influence of light-activated and auto- and dual-polymerizing adhesive systems on bond strength of indirect composite resin to dentin. Journal of Prosthetic Dentistry, 2006, 96, 115-121.	2.8	29
24	Influence of viscosity and curing mode on degree of conversion of dual-cured resin cements. European Journal of Dentistry, 2013, 7, 81-5.	1.7	28
25	Er:YAG Laser, Ultrasonic System, and Curette Produce Different Profiles on Dentine Root Surfaces: An <i>in Vitro</i> Study. Photomedicine and Laser Surgery, 2008, 26, 91-97.	2.0	23
26	Effect of incorporating antifungals on the water sorption and solubility of interim resilient liners for denture base relining. Journal of Prosthetic Dentistry, 2016, 115, 611-616.	2.8	23
27	Morphology and thickness of the diffusion of resin through demineralized or unconditioned dentinal matrix. Pesquisa Odontologica Brasileira = Brazilian Oral Research, 2002, 16, 115-120.	0.3	22
28	Effect of Curing Mode on Microtensile Bond Strength to Dentin of Two Dual-cured Adhesive Systems in Combination with Resin Luting Cements for Indirect Restorations. Operative Dentistry, 2007, 32, 37-44.	1.2	22
29	Influence of filler addition, storage medium and evaluation time on biaxial flexure strength and modulus of adhesive systems. Acta Odontologica Scandinavica, 2012, 70, 478-484.	1.6	22
30	Micromorphology of resin–dentin interfaces using self-adhesive and conventional resin cements: A confocal laser and scanning electron microscope analysis. International Journal of Adhesion and Adhesives, 2012, 38, 69-74.	2.9	22
31	Silorane- and high filled-based"low-shrinkage" resin composites: shrinkage, flexural strength and modulus. Brazilian Oral Research, 2013, 27, 97-102.	1.4	21
32	Superficial Distribution and Identification of Antifungal/Antimicrobial Agents on a Modified Tissue Conditioner by SEMâ€EDS Microanalysis: A Preliminary Study. Journal of Prosthodontics, 2009, 18, 603-610.	3.7	20
33	Controlling In Vivo, Human Pulp Temperature Rise Caused by LED Curing Light Exposure. Operative Dentistry, 2019, 44, 235-241.	1.2	20
34	Light-activation through indirect ceramic restorations: does the overexposure compensate for the attenuation in light intensity during resin cement polymerization?. Journal of Applied Oral Science, 2011, 19, 22-27.	1.8	19
35	Effects of different concentrations of carbamide peroxide and bleaching periods on the roughness of dental ceramics. Brazilian Oral Research, 2011, 25, 453-458.	1.4	19
36	Influence of flavonoids on long-term bonding stability on caries-affected dentin. Dental Materials, 2020, 36, 1151-1160.	3.5	19

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37	Effects of radiant exposure values using second and third generation light curing units on the degree of conversion of a lucirin-based resin composite. Journal of Applied Oral Science, 2017, 25, 140-146.	1.8	18
38	Effect of curing mode on the hardness of dual-cured composite resin core build-up materials. Brazilian Oral Research, 2010, 24, 245-249.	1.4	17
39	Pre-heated dual-cured resin cements: analysis of the degree of conversion and ultimate tensile strength. Brazilian Oral Research, 2011, 25, 174-179.	1.4	17
40	Comparison of in vivo and in vitro models to evaluate pulp temperature rise during exposure to a Polywave® LED light curing unit. Journal of Applied Oral Science, 2019, 27, e20180480.	1.8	16
41	Direct measurement of time-dependent anesthetized in vivo human pulp temperature. Dental Materials, 2015, 31, 53-59.	3.5	15
42	Influence of Class V preparation on in vivo temperature rise in anesthetized human pulp during exposure to a Polywave® LED light curing unit. Dental Materials, 2018, 34, 901-909.	3.5	15
43	Two-year Effects of Chlorhexidine-containing Adhesives on the In Vitro Durability of Resin-dentin Interfaces and Modeling of Drug Release. Operative Dentistry, 2018, 43, 201-212.	1.2	15
44	In vivo temperature rise and acute inflammatory response in anesthetized human pulp tissue of premolars having Class V preparations after exposure to Polywave® LED light curing units. Dental Materials, 2020, 36, 1201-1213.	3.5	15
45	Effect of pre-heated dual-cured resin cements on the bond strength of indirect restorations to dentin. Brazilian Oral Research, 2012, 26, 170-176.	1.4	14
46	Analysis of temperature increase in swine gingiva after exposure to a Polywave ® LED light curing unit. Dental Materials, 2017, 33, 1266-1273.	3.5	14
47	Effects of a peripheral enamel margin on the long-term bond strength and nanoleakage of composite/dentin interfaces produced by self-adhesive and conventional resin cements. Journal of Adhesive Dentistry, 2012, 14, 251-63.	0.5	14
48	Effect of dentinal surface preparation on bond strength of self-etching adhesive systems. Brazilian Oral Research, 2006, 20, 52-58.	1.4	13
49	The Effect of the Presence and Presentation Mode of Co-Initiators on the Microtensile Bond Strength of Dual-Cured Adhesive Systems Used in Indirect Restorations. Operative Dentistry, 2008, 33, 682-689.	1.2	13
50	Analysis of the interfacial micromorphology and bond strength of adhesive systems to Er:YAG laser-irradiated dentin. Lasers in Medical Science, 2013, 28, 1069-1076.	2.1	13
51	Effect of Simulated Tooth Temperature on the Degree of Conversion of Self-adhesive Resin Cements Exposed to Different Curing Conditions. Operative Dentistry, 2014, 39, 204-212.	1.2	13
52	Peel bond strength of soft lining materials with antifungal to a denture base acrylic resin. Dental Materials Journal, 2016, 35, 194-203.	1.8	12
53	Effect of conventional water-bath and experimental microwave polymerization cycles on the flexural properties of denture base acrylic resins. Dental Materials Journal, 2015, 34, 623-628.	1.8	10
54	In Vivo Pulp Temperature Changes During Class V Cavity Preparation and Resin Composite Restoration in Premolars. Operative Dentistry, 2021, 46, 374-384.	1.2	10

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55	Effect of Long-term Simulated Pulpal Pressure on the Bond Strength and Nanoleakage of Resin-luting Agents With Different Bonding Strategies. Operative Dentistry, 2014, 39, 508-520.	1.2	9
56	Kinetics of polymerization shrinkage of self-adhesive and conventional dual-polymerized resin luting agents inside the root canal. Journal of Prosthetic Dentistry, 2021, 125, 535-542.	2.8	8
57	Polymerization kinetics and polymerization stress in resin composites after accelerated aging as a function of the expiration date. Journal of the Mechanical Behavior of Biomedical Materials, 2015, 49, 300-309.	3.1	5
58	The effect of stainable drinks followed by simulated brushing on the roughness and stainability of acrylic resins polymerized with different cycles. Journal of Prosthetic Dentistry, 2020, 123, 173-180.	2.8	5
59	Is the use of a potassium nitrate dentifrice effective in reducing tooth sensitivity related to inâ€office bleaching? A randomized tripleâ€blind clinical trial. Journal of Esthetic and Restorative Dentistry, 2022, 34, 951-958.	3.8	5
60	A novel acrylic resin palatal device contaminated with Candida albicans biofilm for denture stomatitis induction in Wistar rats. Journal of Applied Oral Science, 2021, 29, e20200865.	1.8	4
61	Effects of Dentine Pretreatment Solutions Containing Flavonoids on the Resin Polymer-Dentine Interface Created Using a Modern Universal Adhesive. Polymers, 2021, 13, 1145.	4.5	4
62	Influence of delivered radiant exposure values on bonding of fiber posts to root canals. Journal of Adhesive Dentistry, 2015, 17, 181-8.	0.5	4
63	Effect of rilmenidine injection into the paraventricular nucleus of the hypothalamus on the water intake induced by application of angiotensin II to the subfornical organ. Journal of Physiology (Paris), 1997, 91, 97-98.	2.1	3
64	Effect of etch-and-rinse and self-etching adhesive systems on hardness uniformity of resin cements after glass fiber post cementation. European Journal of Dentistry, 2012, 06, 248-254.	1.7	3
65	Effect of Sonic Application of Universal Adhesive Systems on Bond Strength of Fiber Posts to Root Canal. Journal of Adhesive Dentistry, 2016, 18, 493-499.	0.5	3
66	Effect of different concentrations of carbamide peroxide on microhardness of dental ceramics. American Journal of Dentistry, 2011, 24, 57-9.	0.1	3
67	Bond Strength and Monomer Conversion of Bonding Agents Mixed with Restorative Composites Prior to Light Exposure. Journal of Adhesion, 2007, 83, 105-116.	3.0	2
68	The effect of viscosity and activation mode on biaxial flexure strength and modulus of dual resin cements. Revista Odonto Ciencia, 2012, 27, 147-151.	0.0	2
69	Bond Strength of Methacrylate-based Blends Containing Elastomeric Monomers and Alternative Initiators after Thermomechanical Cycling. Journal of Adhesive Dentistry, 2019, 21, 281-286.	0.5	2
70	How the translucency of direct anatomic fiber posts affects the bond strength and microhardness of a self-adhesive luting agent in flared roots. Clinical Oral Investigations, 2022, 26, 4447-4456.	3.0	2
71	Influence of photo-activation source on enamel demineralization around restorative materials. Brazilian Oral Research, 2013, 27, 286-292.	1.4	1
72	Influence of radiant exposure values from two third generation LED curing units on polymerization profile and microhardness of orthodontic composite under ceramic and metallic brackets. Dental Press Journal of Orthodontics, 2021, 26, e2119150.	0.9	1

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73	Effect of etch-and-rinse and self-etching adhesive systems on hardness uniformity of resin cements after glass fiber post cementation. European Journal of Dentistry, 2012, 6, 248-54.	1.7	Ο