

# Cesar Arrais

## List of Publications by Year in descending order

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73  
papers

2,017  
citations

257101

24  
h-index

264894

42  
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73  
all docs

73  
docs citations

73  
times ranked

1637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Light curing in dentistry and clinical implications: a literature review. <i>Brazilian Oral Research</i> , 2017, 31, e61.	0.6	137
2	Effect of curing mode on the polymerization characteristics of dual-cured resin cement systems. <i>Journal of Dentistry</i> , 2008, 36, 418-426.	1.7	125
3	Highly concentrated carbamide peroxide bleaching agents effects on enamel surface. <i>Journal of Oral Rehabilitation</i> , 2004, 31, 155-159.	1.3	123
4	Microtensile bond strength of new self-adhesive luting agents and conventional multistep systems. <i>Journal of Prosthetic Dentistry</i> , 2009, 102, 306-312.	1.1	123
5	Kinetic analysis of monomer conversion in auto- and dual-polymerizing modes of commercial resin luting cements. <i>Journal of Prosthetic Dentistry</i> , 2009, 101, 128-136.	1.1	84
6	Effect of sodium sulfinate salts on the polymerization characteristics of dual-cured resin cement systems exposed to attenuated light-activation. <i>Journal of Dentistry</i> , 2009, 37, 219-227.	1.7	78
7	The effect of photopolymerization on the degree of conversion, polymerization kinetic, biaxial flexure strength, and modulus of self-adhesive resin cements. <i>Journal of Prosthetic Dentistry</i> , 2015, 113, 128-134.	1.1	67
8	Effects of desensitizing agents on dentinal tubule occlusion. <i>Journal of Applied Oral Science</i> , 2004, 12, 144-148.	0.7	63
9	Ultramorphological analysis of resin-dentin interfaces produced with water-based single-step and two-step adhesives: Nanoleakage expression. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 71B, 90-98.	3.0	56
10	Effects of additional and extended acid etching on bonding to caries-affected dentine. <i>European Journal of Oral Sciences</i> , 2004, 112, 458-464.	0.7	52
11	Influence of Curing Mode and Time on Degree of Conversion of One Conventional and Two Self-adhesive Resin Cements. <i>Operative Dentistry</i> , 2010, 35, 295-299.	0.6	52
12	Occluding effect of dentifrices on dentinal tubules. <i>Journal of Dentistry</i> , 2003, 31, 577-584.	1.7	49
13	Microtensile bond strength of dual-polymerizing cementing systems to dentin using different polymerizing modes. <i>Journal of Prosthetic Dentistry</i> , 2007, 97, 99-106.	1.1	48
14	Effect of Temperature on the Degree of Conversion and Working Time of Dual-Cured Resin Cements Exposed to Different Curing Conditions. <i>Operative Dentistry</i> , 2012, 37, 370-379.	0.6	48
15	In vivo temperature rise in anesthetized human pulp during exposure to a polywave LED light curing unit. <i>Dental Materials</i> , 2015, 31, 505-513.	1.6	44
16	Effect of storage times and mechanical load cycling on dentin bond strength of conventional and self-adhesive resin luting cements. <i>Journal of Prosthetic Dentistry</i> , 2014, 111, 404-410.	1.1	41
17	Porosity, water sorption and solubility of denture base acrylic resins polymerized conventionally or in microwave. <i>Journal of Applied Oral Science</i> , 2018, 26, e20170383.	0.7	37
18	Effects of the Solvent Evaporation Technique on the Degree of Conversion of One-Bottle Adhesive Systems. <i>Operative Dentistry</i> , 2008, 33, 149-154.	0.6	36

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19	Degree of conversion of adhesive systems light-cured by LED and halogen light. <i>Brazilian Dental Journal</i> , 2007, 18, 54-59.	0.5	33
20	Influence of resin cement shade on the color and translucency of ceramic veneers. <i>Journal of Applied Oral Science</i> , 2016, 24, 391-396.	0.7	32
21	Effect of the Association of Nystatin with a Tissue Conditioner on its Ultimate Tensile Strength. <i>Journal of Prosthodontics</i> , 2006, 15, 295-299.	1.7	30
22	Micromorphology of resin-dentin interfaces using one-bottle etch&rinse and self-etching adhesive systems on laser-created dentin surfaces: A confocal laser scanning microscope analysis. <i>Lasers in Surgery and Medicine</i> , 2010, 42, 662-670.	1.1	30
23	Influence of light-activated and auto- and dual-polymerizing adhesive systems on bond strength of indirect composite resin to dentin. <i>Journal of Prosthetic Dentistry</i> , 2006, 96, 115-121.	1.1	29
24	Influence of viscosity and curing mode on degree of conversion of dual-cured resin cements. <i>European Journal of Dentistry</i> , 2013, 7, 81-5.	0.8	28
25	Er:YAG Laser, Ultrasonic System, and Curette Produce Different Profiles on Dentine Root Surfaces: An <i>in Vitro</i> Study. <i>Photomedicine and Laser Surgery</i> , 2008, 26, 91-97.	2.1	23
26	Effect of incorporating antifungals on the water sorption and solubility of interim resilient liners for denture base relining. <i>Journal of Prosthetic Dentistry</i> , 2016, 115, 611-616.	1.1	23
27	Morphology and thickness of the diffusion of resin through demineralized or unconditioned dentinal matrix. <i>Pesquisa Odontologica Brasileira = Brazilian Oral Research</i> , 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. <i>Operative Dentistry</i> , 2007, 32, 37-44.	0.6	22
29	Influence of filler addition, storage medium and evaluation time on biaxial flexure strength and modulus of adhesive systems. <i>Acta Odontologica Scandinavica</i> , 2012, 70, 478-484.	0.9	22
30	Micromorphology of resin-dentin interfaces using self-adhesive and conventional resin cements: A confocal laser and scanning electron microscope analysis. <i>International Journal of Adhesion and Adhesives</i> , 2012, 38, 69-74.	1.4	22
31	Silorane- and high filled-based "low-shrinkage" resin composites: shrinkage, flexural strength and modulus. <i>Brazilian Oral Research</i> , 2013, 27, 97-102.	0.6	21
32	Superficial Distribution and Identification of Antifungal/Antimicrobial Agents on a Modified Tissue Conditioner by SEM-EDS Microanalysis: A Preliminary Study. <i>Journal of Prosthodontics</i> , 2009, 18, 603-610.	1.7	20
33	Controlling In Vivo, Human Pulp Temperature Rise Caused by LED Curing Light Exposure. <i>Operative Dentistry</i> , 2019, 44, 235-241.	0.6	20
34	Light-activation through indirect ceramic restorations: does the overexposure compensate for the attenuation in light intensity during resin cement polymerization?. <i>Journal of Applied Oral Science</i> , 2011, 19, 22-27.	0.7	19
35	Effects of different concentrations of carbamide peroxide and bleaching periods on the roughness of dental ceramics. <i>Brazilian Oral Research</i> , 2011, 25, 453-458.	0.6	19
36	Influence of flavonoids on long-term bonding stability on caries-affected dentin. <i>Dental Materials</i> , 2020, 36, 1151-1160.	1.6	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. <i>Journal of Applied Oral Science</i> , 2017, 25, 140-146.	0.7	18
38	Effect of curing mode on the hardness of dual-cured composite resin core build-up materials. <i>Brazilian Oral Research</i> , 2010, 24, 245-249.	0.6	17
39	Pre-heated dual-cured resin cements: analysis of the degree of conversion and ultimate tensile strength. <i>Brazilian Oral Research</i> , 2011, 25, 174-179.	0.6	17
40	Comparison of in vivo and in vitro models to evaluate pulp temperature rise during exposure to a Polywave <sup>®</sup> LED light curing unit. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180480.	0.7	16
41	Direct measurement of time-dependent anesthetized in vivo human pulp temperature. <i>Dental Materials</i> , 2015, 31, 53-59.	1.6	15
42	Influence of Class V preparation on in vivo temperature rise in anesthetized human pulp during exposure to a Polywave <sup>®</sup> LED light curing unit. <i>Dental Materials</i> , 2018, 34, 901-909.	1.6	15
43	Two-year Effects of Chlorhexidine-containing Adhesives on the In Vitro Durability of Resin-dentin Interfaces and Modeling of Drug Release. <i>Operative Dentistry</i> , 2018, 43, 201-212.	0.6	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 <sup>®</sup> LED light curing units. <i>Dental Materials</i> , 2020, 36, 1201-1213.	1.6	15
45	Effect of pre-heated dual-cured resin cements on the bond strength of indirect restorations to dentin. <i>Brazilian Oral Research</i> , 2012, 26, 170-176.	0.6	14
46	Analysis of temperature increase in swine gingiva after exposure to a Polywave <sup>®</sup> LED light curing unit. <i>Dental Materials</i> , 2017, 33, 1266-1273.	1.6	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. <i>Journal of Adhesive Dentistry</i> , 2012, 14, 251-63.	0.3	14
48	Effect of dentinal surface preparation on bond strength of self-etching adhesive systems. <i>Brazilian Oral Research</i> , 2006, 20, 52-58.	0.6	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. <i>Operative Dentistry</i> , 2008, 33, 682-689.	0.6	13
50	Analysis of the interfacial micromorphology and bond strength of adhesive systems to Er:YAG laser-irradiated dentin. <i>Lasers in Medical Science</i> , 2013, 28, 1069-1076.	1.0	13
51	Effect of Simulated Tooth Temperature on the Degree of Conversion of Self-adhesive Resin Cements Exposed to Different Curing Conditions. <i>Operative Dentistry</i> , 2014, 39, 204-212.	0.6	13
52	Peel bond strength of soft lining materials with antifungal to a denture base acrylic resin. <i>Dental Materials Journal</i> , 2016, 35, 194-203.	0.8	12
53	Effect of conventional water-bath and experimental microwave polymerization cycles on the flexural properties of denture base acrylic resins. <i>Dental Materials Journal</i> , 2015, 34, 623-628.	0.8	10
54	In Vivo Pulp Temperature Changes During Class V Cavity Preparation and Resin Composite Restoration in Premolars. <i>Operative Dentistry</i> , 2021, 46, 374-384.	0.6	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. <i>Operative Dentistry</i> , 2014, 39, 508-520.	0.6	9
56	Kinetics of polymerization shrinkage of self-adhesive and conventional dual-polymerized resin luting agents inside the root canal. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 535-542.	1.1	8
57	Polymerization kinetics and polymerization stress in resin composites after accelerated aging as a function of the expiration date. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 49, 300-309.	1.5	5
58	The effect of stainable drinks followed by simulated brushing on the roughness and stainability of acrylic resins polymerized with different cycles. <i>Journal of Prosthetic Dentistry</i> , 2020, 123, 173-180.	1.1	5
59	Is the use of a potassium nitrate dentifrice effective in reducing tooth sensitivity related to in-office bleaching? A randomized triple-blind clinical trial. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, 34, 951-958.	1.8	5
60	A novel acrylic resin palatal device contaminated with <i>Candida albicans</i> biofilm for denture stomatitis induction in Wistar rats. <i>Journal of Applied Oral Science</i> , 2021, 29, e20200865.	0.7	4
61	Effects of Dentine Pretreatment Solutions Containing Flavonoids on the Resin Polymer-Dentine Interface Created Using a Modern Universal Adhesive. <i>Polymers</i> , 2021, 13, 1145.	2.0	4
62	Influence of delivered radiant exposure values on bonding of fiber posts to root canals. <i>Journal of Adhesive Dentistry</i> , 2015, 17, 181-8.	0.3	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. <i>Journal of Physiology (Paris)</i> , 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. <i>European Journal of Dentistry</i> , 2012, 06, 248-254.	0.8	3
65	Effect of Sonic Application of Universal Adhesive Systems on Bond Strength of Fiber Posts to Root Canal. <i>Journal of Adhesive Dentistry</i> , 2016, 18, 493-499.	0.3	3
66	Effect of different concentrations of carbamide peroxide on microhardness of dental ceramics. <i>American Journal of Dentistry</i> , 2011, 24, 57-9.	0.1	3
67	Bond Strength and Monomer Conversion of Bonding Agents Mixed with Restorative Composites Prior to Light Exposure. <i>Journal of Adhesion</i> , 2007, 83, 105-116.	1.8	2
68	The effect of viscosity and activation mode on biaxial flexure strength and modulus of dual resin cements. <i>Revista Odonto Ciencia</i> , 2012, 27, 147-151.	0.0	2
69	Bond Strength of Methacrylate-based Blends Containing Elastomeric Monomers and Alternative Initiators after Thermomechanical Cycling. <i>Journal of Adhesive Dentistry</i> , 2019, 21, 281-286.	0.3	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. <i>Clinical Oral Investigations</i> , 2022, 26, 4447-4456.	1.4	2
71	Influence of photo-activation source on enamel demineralization around restorative materials. <i>Brazilian Oral Research</i> , 2013, 27, 286-292.	0.6	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. <i>Dental Press Journal of Orthodontics</i> , 2021, 26, e2119150.	0.2	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.	0.8	0