

# Marcelo Giannini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5870095/publications.pdf>

Version: 2024-02-01

167  
papers

4,782  
citations

87888

38  
h-index

138484

58  
g-index

168  
all docs

168  
docs citations

168  
times ranked

3222  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Effects of various finishing systems on the surface roughness and staining susceptibility of packable composite resins. <i>Dental Materials</i> , 2003, 19, 12-18.  | 3.5 | 206       |
| 2  | Ultimate tensile strength of tooth structures. <i>Dental Materials</i> , 2004, 20, 322-329.   | 3.5 | 204       |
| 3  | Monomer conversion, microhardness, internal marginal adaptation, and shrinkage stress of bulk-fill resin composites. <i>Dental Materials</i> , 2015, 31, 1542-1551.   | 3.5 | 203       |
| 4  | Peroxide bleaching agent effects on enamel surface microhardness, roughness and morphology. <i>Brazilian Oral Research</i> , 2004, 18, 306-311.   | 1.4 | 161       |
| 5  | Self-Etch Adhesive Systems: A Literature Review. <i>Brazilian Dental Journal</i> , 2015, 26, 3-10.  | 1.1 | 160       |
| 6  | Light curing in dentistry and clinical implications: a literature review. <i>Brazilian Oral Research</i> , 2017, 31, e61.   | 1.4 | 137       |
| 7  | Effect of curing mode on the polymerization characteristics of dual-cured resin cement systems. <i>Journal of Dentistry</i> , 2008, 36, 418-426.  | 4.1 | 125       |
| 8  | 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.  | 2.8 | 84        |
| 9  | Effect of carbamide peroxide bleaching agents on tensile strength of human enamel. <i>Dental Materials</i> , 2004, 20, 733-739.   | 3.5 | 81        |
| 10 | Long-term TEM analysis of the nanoleakage patterns in resin-dentin interfaces produced by different bonding strategies. <i>Dental Materials</i> , 2007, 23, 1164-1172.  | 3.5 | 80        |
| 11 | 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.                        | 4.1 | 78        |
| 12 | Fatigue resistance of CAD/CAM complete crowns with a simplified cementation process. <i>Journal of Prosthetic Dentistry</i> , 2014, 111, 310-317.   | 2.8 | 67        |
| 13 | 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. | 2.8 | 67        |
| 14 | Shrinkage assessment of low shrinkage composites using micro-computed tomography. , 2015, 103, 798-806.   |     | 64        |
| 15 | The effects of filling techniques and a low-viscosity composite liner on bond strength to class II cavities. <i>Journal of Dentistry</i> , 2003, 31, 59-66.   | 4.1 | 62        |
| 16 | Analysis of differential artificial ageing of the adhesive interface produced by a two-step etch-and-rinse adhesive. <i>European Journal of Oral Sciences</i> , 2009, 117, 618-624.                                       | 1.5 | 59        |
| 17 | The effect of organic solvents on one-bottle adhesives' bond strength to enamel and dentin. <i>Operative Dentistry</i> , 2003, 28, 700-6.   | 1.2 | 57        |
| 18 | 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.   | 3.1 | 56        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Effect of light curing units on the polymerization of bulk fill resin-based composites. <i>Dental Materials</i> , 2018, 34, 1211-1221.  | 3.5 | 56        |
| 20 | Effects of additional and extended acid etching on bonding to caries-affected dentine. <i>European Journal of Oral Sciences</i> , 2004, 112, 458-464.   | 1.5 | 52        |
| 21 | Characterization of water sorption, solubility and filler particles of light-cured composite resins. <i>Brazilian Dental Journal</i> , 2009, 20, 314-318.   | 1.1 | 52        |
| 22 | 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.  | 1.2 | 52        |
| 23 | Influence of Water-storage Time on the Sorption and Solubility Behavior of Current Adhesives and Primer/Adhesive Mixtures. <i>Operative Dentistry</i> , 2007, 32, 53-59.  | 1.2 | 50        |
| 24 | Effects of ultramorphological changes on adhesion to lased dentin—Scanning electron microscopy and transmission electron microscopy analysis. <i>Microscopy Research and Technique</i> , 2011, 74, 720-726.   | 2.2 | 50        |
| 25 | Occluding effect of dentifrices on dentinal tubules. <i>Journal of Dentistry</i> , 2003, 31, 577-584.   | 4.1 | 49        |
| 26 | Bonding performance of experimental bioactive/biomimetic self-etch adhesives doped with calcium-phosphate fillers and biomimetic analogs of phosphoproteins. <i>Journal of Dentistry</i> , 2016, 52, 79-86.   | 4.1 | 49        |
| 27 | Microtensile bond strength of dual-polymerizing cementing systems to dentin using different polymerizing modes. <i>Journal of Prosthetic Dentistry</i> , 2007, 97, 99-106.  | 2.8 | 48        |
| 28 | Radiation-related caries and early restoration failure in head and neck cancer patients. A polarized light microscopy and scanning electron microscopy study. <i>Supportive Care in Cancer</i> , 2010, 18, 83-87.                                     | 2.2 | 48        |
| 29 | Effects of the Addition of Fluoride and Calcium to Low-Concentrated Carbamide Peroxide Agents on the Enamel Surface and Subsurface. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 319-325.   | 2.0 | 48        |
| 30 | Adhesion of multimode adhesives to enamel and dentin after one year of water storage. <i>Clinical Oral Investigations</i> , 2017, 21, 1707-1715.  | 3.0 | 47        |
| 31 | Adhesion of a two-step etch-and-rinse adhesive on collagen-depleted dentin. <i>Journal of Adhesive Dentistry</i> , 2008, 10, 419-22.  | 0.5 | 47        |
| 32 | Effect of a carbamide peroxide bleaching gel containing calcium or fluoride on human enamel surface microhardness. <i>Brazilian Dental Journal</i> , 2005, 16, 103-106.   | 1.1 | 45        |
| 33 | Surface Roughness and Staining Susceptibility of Composite Resins after Finishing and Polishing. <i>Journal of Esthetic and Restorative Dentistry</i> , 2011, 23, 34-43.  | 3.8 | 45        |
| 34 | Color change, diffusion of hydrogen peroxide, and enamel morphology after in-office bleaching with violet light or nonthermal atmospheric plasma: An in vitro study. <i>Journal of Esthetic and Restorative Dentistry</i> , 2020, 32, 102-112.        | 3.8 | 45        |
| 35 | Effect of Different In Vitro Aging Methods on Color Stability of a Dental Resin-Based Composite Using <scp>CIELAB</scp> and <scp>CIEDE</scp>2000 Color-Difference Formulas. <i>Journal of Esthetic and Restorative Dentistry</i> , 2015, 27, 322-330. | 3.8 | 44        |
| 36 | Effect of long-term storage on nanomechanical and morphological properties of dentin-adhesive interfaces. <i>Dental Materials</i> , 2015, 31, 141-153.  | 3.5 | 43        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Six-Month Storage-Time Evaluation of One-Bottle Adhesive Systems to Dentin. <i>Journal of Esthetic and Restorative Dentistry</i> , 2003, 15, 43-49.   | 3.8 | 42        |
| 38 | Meta-analysis of the clinical behavior of posterior direct resin restorations: Low polymerization shrinkage resin in comparison to methacrylate composite resin. <i>PLoS ONE</i> , 2018, 13, e0191942.  | 2.5 | 42        |
| 39 | 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.  | 2.8 | 41        |
| 40 | Microcomputed Tomography Evaluation of Volumetric Shrinkage of Bulk-Fill Composites in Class II Cavities. <i>Journal of Esthetic and Restorative Dentistry</i> , 2017, 29, 118-127.   | 3.8 | 41        |
| 41 | Surface roughness and filler particles characterization of resin-based composites. <i>Microscopy Research and Technique</i> , 2019, 82, 1756-1767.  | 2.2 | 40        |
| 42 | Effects of Combined Use of Light Irradiation and 35% Hydrogen Peroxide for Dental Bleaching on Human Enamel Mineral Content. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 533-538.  | 2.0 | 38        |
| 43 | Dentine bond strength and antimicrobial activity evaluation of adhesive systems. <i>Journal of Dentistry</i> , 2015, 43, 466-475.   | 4.1 | 38        |
| 44 | Heating and preheating of dental restorative materials—a systematic review. <i>Clinical Oral Investigations</i> , 2020, 24, 4225-4235.  | 3.0 | 38        |
| 45 | Influence of Diamond Sono-Abrasion, Air-Abrasion and Er:YAG Laser Irradiation on Bonding of Different Adhesive Systems to Dentin. <i>European Journal of Dentistry</i> , 2007, 01, 158-166.   | 1.7 | 37        |
| 46 | Effects of a peripheral enamel bond on the long-term effectiveness of dentin bonding agents exposed to water <i>in vitro</i> . <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008, 85B, 10-17.                    | 3.4 | 37        |
| 47 | Effects of the Solvent Evaporation Technique on the Degree of Conversion of One-Bottle Adhesive Systems. <i>Operative Dentistry</i> , 2008, 33, 149-154.  | 1.2 | 36        |
| 48 | Degree of conversion of adhesive systems light-cured by LED and halogen light. <i>Brazilian Dental Journal</i> , 2007, 18, 54-59.   | 1.1 | 33        |
| 49 | Bulk Fill Composites: An Anatomic Sculpting Technique. <i>Journal of Esthetic and Restorative Dentistry</i> , 2015, 27, 335-343.  | 3.8 | 32        |
| 50 | An Evaluation of the Light Output from 22 Contemporary Light Curing Units. <i>Brazilian Dental Journal</i> , 2017, 28, 362-371.   | 1.1 | 32        |
| 51 | SEM analysis of the acid-etched enamel patterns promoted by acidic monomers and phosphoric acids. <i>Journal of Applied Oral Science</i> , 2006, 14, 427-435.   | 1.8 | 31        |
| 52 | Microtensile bond strength of adhesive systems to dentin with or without application of an intermediate flowable resin layer. <i>Brazilian Dental Journal</i> , 2008, 19, 51-56.  | 1.1 | 30        |
| 53 | Micromorphology of resin-dentin interfaces using one-bottle etch&rins and self-etching adhesive systems on laser-treated dentin surfaces: A confocal laser scanning microscope analysis. <i>Lasers in Surgery and Medicine</i> , 2010, 42, 662-670. | 2.1 | 30        |
| 54 | 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.   | 2.8 | 29        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Modulation of <i>Streptococcus mutans</i> virulence by dental adhesives containing anti-caries agents. <i>Dental Materials</i> , 2017, 33, 1084-1092.  | 3.5 | 29        |
| 56 | Effect of blue and violet light on polymerization shrinkage vectors of a CQ/TPO-containing composite. <i>Dental Materials</i> , 2017, 33, 796-804.   | 3.5 | 28        |
| 57 | Bond Strength of Resin Cements to Zirconia Ceramic Using Adhesive Primers. <i>Journal of Prosthodontics</i> , 2016, 25, 380-385.   | 3.7 | 27        |
| 58 | Evaluation of physico-mechanical properties and filler particles characterization of conventional, bulk-fill, and bioactive resin-based composites. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 115, 104288. | 3.1 | 27        |
| 59 | Effect of peroxide-based bleaching agents on enamel ultimate tensile strength. <i>Operative Dentistry</i> , 2005, 30, 318-24.  | 1.2 | 26        |
| 60 | Bond Strength of Adhesive Systems to Er,Cr:YSGG Laser-Irradiated Dentin. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 747-752.   | 2.0 | 25        |
| 61 | Influence of adhesive cementation systems on the bond strength of relined fiber posts to root dentin. <i>Journal of Prosthetic Dentistry</i> , 2017, 118, 493-499.   | 2.8 | 25        |
| 62 | Effect of carbamide peroxide-based bleaching agents containing fluoride or calcium on tensile strength of human enamel. <i>Journal of Applied Oral Science</i> , 2006, 14, 82-87.  | 1.8 | 23        |
| 63 | Decomposition Rate, pH, and Enamel Color Alteration of At-Home and In-Office Bleaching Agents. <i>Brazilian Dental Journal</i> , 2019, 30, 385-396.  | 1.1 | 23        |
| 64 | 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.   | 1.6 | 22        |
| 65 | Assessment of current adhesives in class I cavity: Nondestructive imaging using optical coherence tomography and microtensile bond strength. <i>Dental Materials</i> , 2015, 31, e190-e200.  | 3.5 | 22        |
| 66 | Color alterations, flexural strength, and microhardness of 3D printed resins for fixed provisional restoration using different post-curing times. <i>Dental Materials</i> , 2022, 38, 1271-1282.   | 3.5 | 22        |
| 67 | 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        |
| 68 | Micro-computed tomography evaluation of volumetric polymerization shrinkage and degree of conversion of composites cured by various light power outputs. <i>Dental Materials Journal</i> , 2018, 37, 33-39.                                | 1.8 | 21        |
| 69 | Changes in surface morphology and mineralization level of human enamel following in-office bleaching with 35% hydrogen peroxide and light irradiation. <i>General Dentistry</i> , 2010, 58, e74-9.   | 0.4 | 21        |
| 70 | Effects of water-storage on the physical and ultramorphological features of adhesives and primer/adhesive mixtures. <i>Dental Materials Journal</i> , 2010, 29, 697-705.   | 1.8 | 20        |
| 71 | Modification of filler surface treatment of composite resins using alternative silanes and functional nanogels. <i>Dental Materials</i> , 2019, 35, 928-936.   | 3.5 | 20        |
| 72 | Effect of indirect restorative material and thickness on light transmission at different wavelengths. <i>Journal of Prosthodontic Research</i> , 2019, 63, 232-238.  | 2.8 | 20        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Influence of smear layer pretreatments on bond strength to dentin. <i>Journal of Adhesive Dentistry</i> , 2002, 4, 191-6.   | 0.5 | 20        |
| 74 | Curing depth of a resin-modified glass ionomer and two resin-based luting agents. <i>Operative Dentistry</i> , 2005, 30, 185-9.   | 1.2 | 20        |
| 75 | Assessment of Self-Adhesive Resin Composites: Nondestructive Imaging of Resin-Dentin Interfacial Adaptation and Shear Bond Strength. <i>Microscopy and Microanalysis</i> , 2015, 21, 1523-1529.   | 0.4 | 19        |
| 76 | Influence of activation mode of dual-cured resin composite cores and low-viscosity composite liners on bond strength to dentin treated with self-etching adhesives. <i>Journal of Adhesive Dentistry</i> , 2004, 6, 301-6.                      | 0.5 | 19        |
| 77 | Photodynamic inactivation of <i>Streptococcus mutans</i> by curcumin in combination with EDTA. <i>Dental Materials</i> , 2021, 37, e1-e14.  | 3.5 | 17        |
| 78 | Colorimetric evaluation after in-office tooth bleaching with violet LED: 6- and 12-month follow-ups of a randomized clinical trial. <i>Clinical Oral Investigations</i> , 2022, 26, 837-847.  | 3.0 | 17        |
| 79 | Inorganic composition and filler particles morphology of conventional and self-adhesive resin cements by SEM/EDX. <i>Microscopy Research and Technique</i> , 2012, 75, 1348-1352.   | 2.2 | 16        |
| 80 | Bond strength of self-adhesive resin cements to dry and moist dentin. <i>Brazilian Oral Research</i> , 2013, 27, 389-395.   | 1.4 | 16        |
| 81 | Evaluation of three different decontamination techniques on biofilm formation, and on physical and chemical properties of resin composites. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 945-953. | 3.4 | 16        |
| 82 | Effect of non-thermal atmospheric plasma on the dentin surface topography and composition and on the bond strength of a universal adhesive. <i>European Journal of Oral Sciences</i> , 2018, 126, 53-65.  | 1.5 | 16        |
| 83 | 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        |
| 84 | Effect of zirconia decontamination protocols on bond strength and surface wettability. <i>Journal of Esthetic and Restorative Dentistry</i> , 2020, 32, 521-529.  | 3.8 | 16        |
| 85 | Effect of surface roughness on amalgam repair using adhesive systems. <i>Brazilian Dental Journal</i> , 2002, 13, 179-183.  | 1.1 | 15        |
| 86 | Effect of activation mode of dual-cured resin cements and low-viscosity composite liners on bond strength to dentin. <i>Journal of Dentistry</i> , 2007, 35, 564-569.   | 4.1 | 15        |
| 87 | Changes in the stiffness of demineralized dentin following application of tooth whitening agents. <i>Acta Odontologica Scandinavica</i> , 2012, 70, 56-60.  | 1.6 | 15        |
| 88 | Correlation between bond strength and nanomechanical properties of adhesive interface. <i>Clinical Oral Investigations</i> , 2017, 21, 1055-1062.   | 3.0 | 15        |
| 89 | Dentin Sealing and Bond Strength Evaluation of Hema-Free and Multi-Mode Adhesives to Biomodified Dentin. <i>Brazilian Dental Journal</i> , 2017, 28, 731-737.   | 1.1 | 15        |
| 90 | 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        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | Effects of violet radiation and nonthermal atmospheric plasma on the mineral contents of enamel during in-office dental bleaching. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101848.                                  | 2.6 | 15        |
| 92  | Influence of Diamond Sono-Abrasion, Air-Abrasion and Er:YAG Laser Irradiation on Bonding of Different Adhesive Systems to Dentin. <i>European Journal of Dentistry</i> , 2007, 1, 158-66.  | 1.7 | 15        |
| 93  | 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.   | 1.4 | 14        |
| 94  | Effect of cleaning agent, primer application and their combination on the bond strength of a resin cement to two yttrium-tetragonal zirconia polycrystal zirconia ceramics. <i>European Journal of Dentistry</i> , 2017, 11, 006-011.  | 1.7 | 14        |
| 95  | Assessment of cuspal deflection and volumetric shrinkage of different bulk fill composites using non-contact phase microscopy and micro-computed tomography. <i>Dental Materials Journal</i> , 2018, 37, 393-399.                      | 1.8 | 14        |
| 96  | Void and gap evaluation using microcomputed tomography of different fiber post cementation techniques. <i>Journal of Prosthetic Dentistry</i> , 2018, 119, 103-107.  | 2.8 | 14        |
| 97  | Flexural strength and microhardness of bulk-fill restorative materials. <i>Journal of Esthetic and Restorative Dentistry</i> , 2021, 33, 628-635.  | 3.8 | 14        |
| 98  | Surface treatments on <scp>CAD</scp>/<scp>CAM</scp> glass-ceramics: Influence on roughness, topography, and bond strength. <i>Journal of Esthetic and Restorative Dentistry</i> , 2021, 33, 739-749.                                   | 3.8 | 14        |
| 99  | Short- and Long-term Evaluation of Dentin-Resin Interfaces Formed by Etch-and-Rinse Adhesives on Plasma-treated Dentin. <i>Journal of Adhesive Dentistry</i> , 2016, 18, 215-22.   | 0.5 | 14        |
| 100 | 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. | 0.5 | 14        |
| 101 | Effect of dentinal surface preparation on bond strength of self-etching adhesive systems. <i>Brazilian Oral Research</i> , 2006, 20, 52-58.  | 1.4 | 13        |
| 102 | Bond strength of a resin cement to dentin using the resin coating technique. <i>Brazilian Oral Research</i> , 2008, 22, 198-204.   | 1.4 | 13        |
| 103 | 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.   | 2.1 | 13        |
| 104 | Effect of Metal Primers on Bond Strength of a Composite Resin to Nickel-Chrome Metal Alloy. <i>Brazilian Dental Journal</i> , 2017, 28, 210-215.   | 1.1 | 13        |
| 105 | Effects of sodium hypochlorite as dentin deproteinizing agent and aging media on bond strength of two conventional adhesives. <i>Microscopy Research and Technique</i> , 2020, 83, 186-195.  | 2.2 | 13        |
| 106 | Effects of extending duration of exposure to curing light and different measurement methods on depth-of-cure analyses of conventional and bulk-fill composites. <i>European Journal of Oral Sciences</i> , 2020, 128, 336-344.         | 1.5 | 13        |
| 107 | Marginal adaptation of indirect composites and ceramic inlay systems. <i>Operative Dentistry</i> , 2003, 28, 689-94.   | 1.2 | 13        |
| 108 | Effect of partially demineralized dentin beneath the hybrid layer on dentin-adhesive interface micromechanics. <i>Journal of Biomechanics</i> , 2015, 48, 701-707.   | 2.1 | 12        |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Antimicrobial activity, effects on Streptococcus mutans biofilm and interfacial bonding of adhesive systems with and without antibacterial agent. International Journal of Adhesion and Adhesives, 2017, 72, 123-129.       | 2.9 | 12        |
| 110 | Influence of immediate dentin sealing and interim cementation on the adhesion of indirect restorations with dual-polymerizing resin cement. Journal of Prosthetic Dentistry, 2018, 119, 678.e1-678.e8.                      | 2.8 | 12        |
| 111 | Evaluation of bulk-fill systems: microtensile bond strength and non-destructive imaging of marginal adaptation. Brazilian Oral Research, 2018, 32, e80.   | 1.4 | 12        |
| 112 | Effect of Water Storage on Bond Strength of Self-etching Adhesives to Dentin. Journal of Contemporary Dental Practice, 2007, 8, 46-53.  | 0.5 | 12        |
| 113 | Interfacial ultramorphology evaluation of resin luting cements to dentin: A correlative scanning electron microscopy and transmission electron microscopy analysis. Microscopy Research and Technique, 2013, 76, 1234-1239. | 2.2 | 11        |
| 114 | Influence of resin coating on bond strength of self-adhesive resin cements to dentin. Dental Materials Journal, 2015, 34, 822-827.  | 1.8 | 11        |
| 115 | Indirect Restoration Thickness and Time after Light-Activation Effects on Degree of Conversion of Resin Cement. Brazilian Dental Journal, 2015, 26, 363-367.  | 1.1 | 11        |
| 116 | Dentin bond strength and nanoleakage of the adhesive interface after intracoronal bleaching. Microscopy Research and Technique, 2018, 81, 428-436.  | 2.2 | 11        |
| 117 | The Effect of Light Exposure on Water Sorption and Solubility of Self-Adhesive Resin Cements. International Scholarly Research Notices, 2014, 2014, 1-6.  | 0.9 | 10        |
| 118 | Influence of chemical and natural cross-linkers on dentin bond strength of self-etching adhesives. International Journal of Adhesion and Adhesives, 2015, 60, 117-122.  | 2.9 | 10        |
| 119 | Dry-bonding to dentin using alternative conditioners based on iron-containing solutions or nitric acid. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 94, 238-248.                                      | 3.1 | 10        |
| 120 | Influence of beam homogenization on bond strength of adhesives to dentin. Dental Materials, 2021, 37, e47-e58.  | 3.5 | 10        |
| 121 | Influence of the Curing Mode on Fluoride Ion Release of Self-adhesive Resin Luting Cements in Water or During pH-Cycling Regimen. Operative Dentistry, 2012, 37, 63-70.   | 1.2 | 9         |
| 122 | Influence of Intraoral Temperature and Relative Humidity on the Dentin Bond Strength: An in Situ Study. Journal of Esthetic and Restorative Dentistry, 2015, 27, 92-99.   | 3.8 | 9         |
| 123 | Bond strength and adhesive interface analysis using EDTA as a dentin conditioner. International Journal of Adhesion and Adhesives, 2017, 77, 157-163.   | 2.9 | 9         |
| 124 | Effect of conditioning solutions containing ferric chloride on dentin bond strength and collagen degradation. Dental Materials, 2017, 33, 1093-1102.  | 3.5 | 9         |
| 125 | Physicochemical properties, metalloproteinases inhibition, and antibiofilm activity of doxycycline-doped dental adhesive. Journal of Dentistry, 2021, 104, 103550.  | 4.1 | 9         |
| 126 | Effect of a fluoride- and bromide-containing adhesive system on enamel around composite restorations under high cariogenic challenge in situ. Journal of Adhesive Dentistry, 2009, 11, 293-7.                               | 0.5 | 9         |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 127 | Influence of Dentin Smear Layer Created by Chemo-Mechanical or Bur Excavation Methods on Adhesion of Self-Etching Primers and a Conventional Adhesive. <i>Journal of Adhesion</i> , 2007, 83, 821-835.                      | 3.0 | 8         |
| 128 | Accuracy of Irradiance and Power of Light-Curing Units Measured With Handheld or Laboratory Grade Radiometers. <i>Brazilian Dental Journal</i> , 2019, 30, 397-403.   | 1.1 | 8         |
| 129 | Análise, por SEM e EDX, da composição e morfologia das partículas de carga de compositos de baixa contração e tradicionais. <i>Journal of Clinical Dentistry and Research</i> , 2016, 13, 49-58.                            | 0.0 | 8         |
| 130 | Bonding interface and dentin enzymatic activity of two universal adhesives applied following different etching approaches. <i>Dental Materials</i> , 2022, 38, 907-923.   | 3.5 | 8         |
| 131 | Effect of tooth age on bond strength to dentin. <i>Journal of Applied Oral Science</i> , 2003, 11, 342-347.   | 1.8 | 7         |
| 132 | Sodium hypochlorite effects on dentin bond strength and acid-base resistant zone formation by adhesive systems. <i>Brazilian Journal of Oral Sciences</i> , 2015, 14, 334-340.  | 0.1 | 7         |
| 133 | The ability of a nanobioglass-doped self-etching adhesive to re-mineralize and bond to artificially demineralized dentin. <i>Dental Materials</i> , 2021, 37, 120-130.  | 3.5 | 7         |
| 134 | Effect of argon plasma on repair bond strength using nanofilled and microhybrid composites. <i>Journal of Esthetic and Restorative Dentistry</i> , 2021, 33, 713-719.   | 3.8 | 7         |
| 135 | Effect of extended light activation and increment thickness on physical properties of conventional and bulk-filled resin-based composites. <i>Clinical Oral Investigations</i> , 2022, 26, 3141-3150.                       | 3.0 | 7         |
| 136 | Flowable and Regular Bulk-Fill Composites: A Comprehensive Report on Restorative Treatment. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2020, 40, 293-300.                                     | 1.0 | 6         |
| 137 | Microtensile dentin bond strength and interface morphology of different self-etching adhesives and universal adhesives applied in self-etching mode. <i>Journal of Adhesion Science and Technology</i> , 2021, 35, 723-732. | 2.6 | 6         |
| 138 | Incorporation of Apigenin and tt-Farnesol into dental composites to modulate the <i>Streptococcus mutans</i> virulence. <i>Dental Materials</i> , 2021, 37, e201-e212.  | 3.5 | 6         |
| 139 | Effects of Surface Texture and Etching Time on Roughness and Bond Strength to Ground Enamel. <i>Journal of Contemporary Dental Practice</i> , 2009, 10, 17-25.  | 0.5 | 6         |
| 140 | Effect of universal adhesive application on bond strength of four-year aged composite repair. <i>Journal of Adhesion Science and Technology</i> , 0, , 1-10.  | 2.6 | 6         |
| 141 | Characterization and effectiveness of a violet LED light for in-office whitening. <i>Clinical Oral Investigations</i> , 2022, 26, 3899-3910.  | 3.0 | 6         |
| 142 | Antibacterial efficacy of non-thermal atmospheric plasma against <i>Streptococcus mutans</i> biofilm grown on the surfaces of restorative resin composites. <i>Scientific Reports</i> , 2021, 11, 23800.                    | 3.3 | 6         |
| 143 | Bond Strength and Interfacial Ultramorphology of Current Adhesive Systems. <i>Journal of Adhesion</i> , 2011, 87, 1148-1166.  | 3.0 | 5         |
| 144 | Effects of shades of a multilayered zirconia on light transmission, monomer conversion, and bond strength of resin cement. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, 34, 412-422.                        | 3.8 | 5         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 145 | Chronological history and current advancements of dental adhesive systems development: a narrative review. <i>Journal of Adhesion Science and Technology</i> , 2021, 35, 1941-1967.  | 2.6 | 5         |
| 146 | The effect of filler addition on biaxial flexure strength and modulus of commercial dentin bonding systems. <i>Quintessence International</i> , 2011, 42, e39-43.  | 0.4 | 5         |
| 147 | Effect of peroxide bleaching on the biaxial flexural strength and modulus of bovine dentin. <i>European Journal of Dentistry</i> , 2015, 09, 246-250.  | 1.7 | 4         |
| 148 | Decreased dentin tubules density and reduced thickness of peritubular dentin in hyperbilirubinemia-related green teeth. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 9, 0-0.  | 1.2 | 4         |
| 149 | Influence of Er:YAG laser irradiation settings on dentin-adhesive interfacial ultramorphology and dentin bond strength. <i>Microscopy Research and Technique</i> , 2022, 85, 2943-2952.  | 2.2 | 4         |
| 150 | Bond strength and micromorphology of resin-dentin interface of etch-and-rinse dentin bonding agents after 1-year of water storage. <i>Applied Adhesion Science</i> , 2016, 4, .  | 1.5 | 3         |
| 151 | Adhesion of Resin Cement to Zirconia Using Argon Plasma and Primer. <i>International Journal of Prosthodontics</i> , 2021, 34, 796-800.  | 1.7 | 3         |
| 152 | Antibacterial-containing dental adhesives' effects on oral pathogens and on <i>Streptococcus mutans</i> biofilm: Current perspectives. <i>American Journal of Dentistry</i> , 2018, 31, 37B-41B.   | 0.1 | 3         |
| 153 | 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.  | 3.0 | 2         |
| 154 | Microhardness homogeneity of RBCs light-cured with a multiple-peak LED and surface characterization after wear. <i>Brazilian Dental Journal</i> , 2021, 32, 92-104.  | 1.1 | 2         |
| 155 | An Update on Universal Adhesives: Indications and Limitations. <i>Current Oral Health Reports</i> , 2022, 9, 57-65.  | 1.6 | 2         |
| 156 | IAAD Working Instructions - Light Curing. <i>Journal of Adhesive Dentistry</i> , 2021, 23, 77-78.  | 0.5 | 2         |
| 157 | In Vivo Measurement of Root Canal Wall Temperature at Different Stages Prior to Fiber Post Cementation. <i>European Journal of Dentistry</i> , 2019, 13, 069-074.  | 1.7 | 1         |
| 158 | Polymerization shrinkage stress, internal adaptation, and dentin bond strength of bulk-fill restorative materials. <i>International Journal of Adhesion and Adhesives</i> , 2021, 111, 102964.   | 2.9 | 1         |
| 159 | Synthesis, characterization, and incorporation of upconverting nanoparticles into a dental adhesive. <i>Brazilian Oral Research</i> , 2021, 35, e120.  | 1.4 | 1         |
| 160 | Two-Year Clinical Evaluation of a Nanofilled Etch-and-Rinse and a Self-Etch Adhesive System Containing MDPB and Fluoride in Non-cariou Cervical Lesions. <i>Compendium of Continuing Education in Dentistry (Jamesburg, NJ: 1995)</i> , 2017, 38, e1-e4. | 0.1 | 1         |
| 161 | Alternative surface treatments strategies for bonding to CAD/CAM resin-matrix ceramics. <i>Journal of Adhesion Science and Technology</i> , 2023, 37, 1471-1484.   | 2.6 | 1         |
| 162 | Changes in enamel after bleaching pre-treatment with non-thermal atmospheric plasma. <i>Clinical Plasma Medicine</i> , 2020, 19-20, 100106.  | 3.2 | 0         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 163 | Dental Adhesives. From Biomaterials Towards Medical Devices, 2018, , 275-293.   | 0.0 | 0         |
| 164 | Influence of desensitizers agents on the dentin bond strength after one-year water storage. Brazilian Journal of Oral Sciences, 0, 19, e201602.   | 0.1 | 0         |
| 165 | Combination of at-home and in-office bleaching techniques: case series. Rgo, 0, 69, .   | 0.2 | 0         |
| 166 | Effect of erosive challenge with HCl on restorative materials. Clinical Oral Investigations, 2022, , 1.   | 3.0 | 0         |
| 167 | Effect of airborne particle abrasion and primer application on the surface wettability and bond strength of resin cements to translucent zirconia. Journal of Adhesion Science and Technology, 2023, 37, 1458-1470. | 2.6 | 0         |