

Luiz Felipe Valandro

List of Publications by Citations

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|--------------------|-------------------------|----------------|-----------------|
| 260 papers | 5,101 citations | 38 h-index | 57 g-index |
| 273 ext. papers | 6,410 ext. citations | 3.1 avg, IF | 5.85 L-index |

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 260 | Translucency of zirconia copings made with different CAD/CAM systems. <i>Journal of Prosthetic Dentistry</i> , 2010 , 104, 6-12 | 4 | 166 |
| 259 | Microtensile bond strength of a resin cement to glass infiltrated zirconia-reinforced ceramic: the effect of surface conditioning. <i>Dental Materials</i> , 2006 , 22, 283-90 | 5.7 | 165 |
| 258 | Effect of Various Surface Conditioning Methods on the Adhesion of Dual-cure Resin Cement with MDP Functional Monomer to Zirconia after Thermal Aging. <i>Dental Materials Journal</i> , 2008 , 27, 99-104 | 2.5 | 152 |
| 257 | Microtensile bond strength of a resin cement to feldspathic ceramic after different etching and silanization regimens in dry and aged conditions. <i>Dental Materials</i> , 2007 , 23, 1323-31 | 5.7 | 111 |
| 256 | Low-temperature degradation of Y-TZP ceramics: A systematic review and meta-analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015 , 55, 151-163 | 4.1 | 102 |
| 255 | The potential of novel primers and universal adhesives to bond to zirconia. <i>Journal of Dentistry</i> , 2014 , 42, 90-8 | 4.8 | 97 |
| 254 | The effect of ceramic surface treatment on bonding to densely sintered alumina ceramic. <i>Journal of Prosthetic Dentistry</i> , 2005 , 93, 253-9 | 4 | 93 |
| 253 | Comparison of resin cement adhesion to Y-TZP ceramic following manufacturers instructions of the cements only. <i>Clinical Oral Investigations</i> , 2008 , 12, 279-82 | 4.2 | 85 |
| 252 | Mechanical reliability, fatigue strength and survival analysis of new polycrystalline translucent zirconia ceramics for monolithic restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 85, 57-65 | 4.1 | 85 |
| 251 | Air-particle abrasion on zirconia ceramic using different protocols: effects on biaxial flexural strength after cyclic loading, phase transformation and surface topography. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013 , 26, 155-63 | 4.1 | 83 |
| 250 | Comparison of two bond strength testing methodologies for bilayered all-ceramics. <i>Dental Materials</i> , 2007 , 23, 630-6 | 5.7 | 83 |
| 249 | Low-temperature degradation of a Y-TZP ceramic after surface treatments. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013 , 101, 1387-92 | 3.5 | 79 |
| 248 | Effect of conditioning methods on the microtensile bond strength of phosphate monomer-based cement on zirconia ceramic in dry and aged conditions. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008 , 85, 1-9 | 3.5 | 79 |
| 247 | Effect of air-particle abrasion protocols on the biaxial flexural strength, surface characteristics and phase transformation of zirconia after cyclic loading. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013 , 20, 19-28 | 4.1 | 74 |
| 246 | Bond strength of a resin cement to high-alumina and zirconia-reinforced ceramics: the effect of surface conditioning. <i>Journal of Adhesive Dentistry</i> , 2006 , 8, 175-81 | 3 | 74 |
| 245 | Effect of surface treatments on the resin bond to zirconium-based ceramic. <i>International Journal of Prosthodontics</i> , 2005 , 18, 60-5 | 1.9 | 70 |
| 244 | Evaluation of the flexural strength of carbon fiber-, quartz fiber-, and glass fiber-based posts. <i>Journal of Endodontics</i> , 2005 , 31, 209-11 | 4.7 | 67 |

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| 243 | Influence of ceramic surface conditioning and resin cements on microtensile bond strength to a glass ceramic. <i>Journal of Prosthetic Dentistry</i> , 2006 , 96, 412-7 | 4 | 61 |
| 242 | Effect of silica coating combined to a MDP-based primer on the resin bond to Y-TZP ceramic. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010 , 95, 69-74 | 3.5 | 58 |
| 241 | Bond strength durability of a resin composite on a reinforced ceramic using various repair systems. <i>Dental Materials</i> , 2009 , 25, 1477-83 | 5.7 | 54 |
| 240 | Evaluation of resin bond strength to yttria-stabilized tetragonal zirconia and framework marginal fit: comparison of different surface conditionings. <i>Operative Dentistry</i> , 2014 , 39, 50-63 | 2.9 | 51 |
| 239 | Effect of testing methods on the bond strength of resin to zirconia-alumina ceramic: microtensile versus shear test. <i>Dental Materials Journal</i> , 2008 , 27, 849-55 | 2.5 | 51 |
| 238 | Mechanical behavior of a Y-TZP ceramic for monolithic restorations: effect of grinding and low-temperature aging. <i>Materials Science and Engineering C</i> , 2016 , 63, 70-7 | 8.3 | 50 |
| 237 | The effect of grinding on the mechanical behavior of Y-TZP ceramics: A systematic review and meta-analyses. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 63, 417-442 | 4.1 | 50 |
| 236 | Adhesion to Y-TZP ceramic: study of silica nanofilm coating on the surface of Y-TZP. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015 , 103, 143-50 | 3.5 | 48 |
| 235 | Effect of grinding with diamond-disc and -bur on the mechanical behavior of a Y-TZP ceramic. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014 , 37, 133-40 | 4.1 | 47 |
| 234 | Effect of low-temperature aging on the mechanical behavior of ground Y-TZP. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015 , 45, 183-92 | 4.1 | 47 |
| 233 | Y-TZP ceramic processing from coprecipitated powders: a comparative study with three commercial dental ceramics. <i>Dental Materials</i> , 2008 , 24, 1676-85 | 5.7 | 47 |
| 232 | Resin Bonding to a Hybrid Ceramic: Effects of Surface Treatments and Aging. <i>Operative Dentistry</i> , 2016 , 41, 171-8 | 2.9 | 46 |
| 231 | Influence of different surface conditioning protocols on microtensile bond strength of self-adhesive resin cements to dentin. <i>Journal of Prosthetic Dentistry</i> , 2011 , 105, 227-35 | 4 | 46 |
| 230 | The effect of porcelain thickness and surface liner application on the fracture behavior of a ceramic system. <i>Dental Materials</i> , 2011 , 27, 948-53 | 5.7 | 46 |
| 229 | Adhesive Cementation Promotes Higher Fatigue Resistance to Zirconia Crowns. <i>Operative Dentistry</i> , 2017 , 42, 215-224 | 2.9 | 43 |
| 228 | Adhesive quality of self-adhesive and conventional adhesive resin cement to Y-TZP ceramic before and after aging conditions. <i>Operative Dentistry</i> , 2010 , 35, 689-96 | 2.9 | 43 |
| 227 | Loading frequencies up to 20Hz as an alternative to accelerate fatigue strength tests in a Y-TZP ceramic. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 61, 79-86 | 4.1 | 41 |
| 226 | Surface micro-morphology, phase transformation, and mechanical reliability of ground and aged monolithic zirconia ceramic. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017 , 65, 849-856 | 4.1 | 40 |

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| 225 | Clinical performance and failure modes of pulpless teeth restored with posts: a systematic review. <i>Brazilian Oral Research</i> , 2017 , 31, e64 | 2.6 | 40 |
| 224 | Fatigue limit of polycrystalline zirconium oxide ceramics: Effect of grinding and low-temperature aging. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 61, 45-54 | 4.1 | 39 |
| 223 | Microtensile bond strength of a repair composite to leucite-reinforced feldspathic ceramic. <i>Brazilian Dental Journal</i> , 2007 , 18, 314-9 | 1.9 | 38 |
| 222 | An in vitro comparison of different cementation strategies on the pull-out strength of a glass fiber post. <i>Operative Dentistry</i> , 2009 , 34, 443-51 | 2.9 | 37 |
| 221 | Microtensile bond strength between a quartz fiber post and a resin cement: effect of post surface conditioning. <i>Journal of Adhesive Dentistry</i> , 2006 , 8, 105-11 | 3 | 36 |
| 220 | Effect of cleansing methods on saliva-contaminated zirconia--an evaluation of resin bond durability. <i>Operative Dentistry</i> , 2015 , 40, 163-71 | 2.9 | 35 |
| 219 | Does Finishing and Polishing of Restorative Materials Affect Bacterial Adhesion and Biofilm Formation? A Systematic Review. <i>Operative Dentistry</i> , 2018 , 43, E37-E52 | 2.9 | 35 |
| 218 | Hard machining, glaze firing and hydrofluoric acid etching: Do these procedures affect the flexural strength of a leucite glass-ceramic?. <i>Dental Materials</i> , 2015 , 31, e131-40 | 5.7 | 35 |
| 217 | Effects of Surface Treatments on the Bond Strength Between Resin Cement and a New Zirconia-reinforced Lithium Silicate Ceramic. <i>Operative Dentistry</i> , 2016 , 41, 284-92 | 2.9 | 34 |
| 216 | Early bond strength of two resin cements to Y-TZP ceramic using MPS or MPS/4-META silanes. <i>Odontology / the Society of the Nippon Dental University</i> , 2011 , 99, 62-67 | 3.6 | 34 |
| 215 | Effect of root canal treatments on quartz fiber posts bonding to root dentin. <i>Journal of Endodontics</i> , 2006 , 32, 985-8 | 4.7 | 34 |
| 214 | Comparison of different low-temperature aging protocols: its effects on the mechanical behavior of Y-TZP ceramics. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 60, 324-330 | 4.1 | 33 |
| 213 | Does the thickness of the resin cement affect the bond strength of a fiber post to the root dentin?. <i>International Journal of Prosthodontics</i> , 2006 , 19, 606-9 | 1.9 | 33 |
| 212 | Inlays made from a hybrid material: adaptation and bond strengths. <i>Operative Dentistry</i> , 2015 , 40, E83-91 | 1.9 | 32 |
| 211 | Fatigue behavior of Y-TZP ceramic after surface treatments. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 57, 149-56 | 4.1 | 32 |
| 210 | Impact of machining on the flexural fatigue strength of glass and polycrystalline CAD/CAM ceramics. <i>Dental Materials</i> , 2017 , 33, 1286-1297 | 5.7 | 32 |
| 209 | Microtensile bond strength of a resin cement to silica-coated and silanized In-Ceram Zirconia before and after aging. <i>International Journal of Prosthodontics</i> , 2007 , 20, 70-2 | 1.9 | 32 |
| 208 | Surface Treatments of Zirconia to Enhance Bonding Durability. <i>Operative Dentistry</i> , 2015 , 40, 636-43 | 2.9 | 31 |

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| 207 | Fatigue failure load of two resin-bonded zirconia-reinforced lithium silicate glass-ceramics: Effect of ceramic thickness. <i>Dental Materials</i> , 2018 , 34, 891-900 | 5.7 | 31 |
| 206 | Bonding of Y-TZP to dentin: effects of Y-TZP surface conditioning, resin cement type, and aging. <i>Operative Dentistry</i> , 2014 , 39, 291-300 | 2.9 | 31 |
| 205 | Fatigue failure load of zirconia-reinforced lithium silicate glass ceramic cemented to a dentin analogue: Effect of etching time and hydrofluoric acid concentration. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 77, 375-382 | 4.1 | 30 |
| 204 | Fatigue Resistance of Y-TZP/Porcelain Crowns is Not Influenced by the Conditioning of the Intaglio Surface. <i>Operative Dentistry</i> , 2016 , 41, E1-12 | 2.9 | 29 |
| 203 | Fiber post cementation strategies: effect of mechanical cycling on push-out bond strength and cement polymerization stress. <i>Journal of Adhesive Dentistry</i> , 2012 , 14, 471-8 | 3 | 29 |
| 202 | Effects of two grading techniques of zirconia material on the fatigue limit of full-contour 3-unit fixed dental prostheses. <i>Dental Materials</i> , 2017 , 33, e155-e164 | 5.7 | 28 |
| 201 | Clinical outcomes and success rates of quartz fiber post restorations: A retrospective study. <i>Journal of Prosthetic Dentistry</i> , 2015 , 114, 367-72 | 4 | 28 |
| 200 | Mechanical behavior of yttria-stabilized tetragonal zirconia polycrystalline ceramic after different zirconia surface treatments. <i>Materials Science and Engineering C</i> , 2017 , 77, 828-835 | 8.3 | 27 |
| 199 | Preliminary results of the survival and fracture load of roots restored with intracanal posts: weakened vs nonweakened roots. <i>Operative Dentistry</i> , 2014 , 39, 541-55 | 2.9 | 27 |
| 198 | Pilot evaluation of four experimental conditioning treatments to improve the bond strength between resin cement and Y-TZP ceramic. <i>Journal of Prosthodontics</i> , 2011 , 20, 97-100 | 3.9 | 27 |
| 197 | Fracture strength of endodontically-treated teeth restored with post and cores and composite cores only. <i>Operative Dentistry</i> , 2009 , 34, 429-36 | 2.9 | 27 |
| 196 | Effect of mechanical cycling on the push-out bond strength of fiber posts adhesively bonded to human root dentin. <i>Operative Dentistry</i> , 2007 , 32, 579-88 | 2.9 | 27 |
| 195 | Fatigue performance of adhesively cemented glass-, hybrid- and resin-ceramic materials for CAD/CAM monolithic restorations. <i>Dental Materials</i> , 2019 , 35, 534-542 | 5.7 | 26 |
| 194 | Fatigue strength of several dental ceramics indicated for CAD-CAM monolithic restorations. <i>Brazilian Oral Research</i> , 2018 , 32, e53 | 2.6 | 24 |
| 193 | Polishing methods of an alumina-reinforced feldspar ceramic. <i>Brazilian Dental Journal</i> , 2006 , 17, 285-9 | 1.9 | 24 |
| 192 | A critical evaluation of bond strength tests for the assessment of bonding to Y-TZP. <i>Dental Materials</i> , 2015 , 31, 648-56 | 5.7 | 23 |
| 191 | Effect of acid neutralization and mechanical cycling on the microtensile bond strength of glass-ceramic inlays. <i>Operative Dentistry</i> , 2009 , 34, 211-6 | 2.9 | 23 |
| 190 | Composite resin to yttria stabilized tetragonal zirconia polycrystal bonding: comparison of repair methods. <i>Operative Dentistry</i> , 2012 , 37, 263-71 | 2.9 | 23 |

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| 189 | Effect of grinding and heat treatment on the mechanical behavior of zirconia ceramic. <i>Brazilian Oral Research</i> , 2016 , 30, | 2.6 | 23 |
| 188 | Fatigue strength of yttria-stabilized zirconia polycrystals: Effects of grinding, polishing, glazing, and heat treatment. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017 , 75, 512-520 | 4.1 | 22 |
| 187 | Mechanical performance of Y-TZP monolithic ceramic after grinding and aging: Survival estimates and fatigue strength. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 87, 288-295 | 4.1 | 22 |
| 186 | Influence of periodontal ligament simulation on bond strength and fracture resistance of roots restored with fiber posts. <i>Journal of Applied Oral Science</i> , 2014 , 22, 450-8 | 3.3 | 22 |
| 185 | Flexural strength of glass-infiltrated zirconia/alumina-based ceramics and feldspathic veneering porcelains. <i>Journal of Prosthodontics</i> , 2009 , 18, 417-20 | 3.9 | 21 |
| 184 | Fatigue failure load of an adhesively-cemented lithium disilicate glass-ceramic: Conventional ceramic etching vs etch & prime one-step primer. <i>Dental Materials</i> , 2018 , 34, 1134-1143 | 5.7 | 21 |
| 183 | Effect of etching with distinct hydrofluoric acid concentrations on the flexural strength of a lithium disilicate-based glass ceramic. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017 , 105, 885-891 | 3.5 | 20 |
| 182 | CAD-CAM milled versus pressed lithium-disilicate monolithic crowns adhesively cemented after distinct surface treatments: Fatigue performance and ceramic surface characteristics. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 94, 144-154 | 4.1 | 20 |
| 181 | The effect of hydrofluoric acid concentration on the fatigue failure load of adhesively cemented feldspathic ceramic discs. <i>Dental Materials</i> , 2018 , 34, 667-675 | 5.7 | 20 |
| 180 | Hydrofluoric acid concentrations: Effect on the cyclic load-to-failure of machined lithium disilicate restorations. <i>Dental Materials</i> , 2018 , 34, e255-e263 | 5.7 | 20 |
| 179 | Confocal laser microscopic analysis of biofilm on newer feldspar ceramic. <i>Operative Dentistry</i> , 2011 , 36, 43-51 | 2.9 | 20 |
| 178 | Effect of Intracanal Irrigants on Bond Strength of Fiber Posts Cemented With a Self-adhesive Resin Cement. <i>Operative Dentistry</i> , 2016 , 41, e159-e167 | 2.9 | 20 |
| 177 | Lithium disilicate glass-ceramic vs translucent zirconia polycrystals bonded to distinct substrates: Fatigue failure load, number of cycles for failure, survival rates, and stress distribution. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 91, 122-130 | 4.1 | 20 |
| 176 | Influence of endodontic sealer composition and time of fiber post cementation on sealer adhesiveness to bovine root dentin. <i>Brazilian Dental Journal</i> , 2013 , 24, 241-6 | 1.9 | 19 |
| 175 | Effect of post-silanization heat treatments of silanized feldspathic ceramic on adhesion to resin cement. <i>Journal of Adhesive Dentistry</i> , 2013 , 15, 473-9 | 3 | 19 |
| 174 | The effect of adhesive systems on the pullout strength of a fiberglass-reinforced composite post system in bovine teeth. <i>Journal of Adhesive Dentistry</i> , 2005 , 7, 331-6 | 3 | 19 |
| 173 | Comparison of resin push-out strength to root dentin of bovine- and human-teeth. <i>Indian Journal of Dental Research</i> , 2009 , 20, 332-6 | 0.8 | 18 |
| 172 | Effect of Resin Luting Systems and Alumina Particle Air Abrasion on Bond Strength to Zirconia. <i>Operative Dentistry</i> , 2018 , 43, 282-290 | 2.9 | 17 |

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| 171 | Elastic Properties of Lithium Disilicate Versus Feldspathic Inlays: Effect on the Bonding by 3D Finite Element Analysis. <i>Journal of Prosthodontics</i> , 2018 , 27, 741-747 | 3.9 | 17 |
| 170 | Ceramic Surface Treatment with a Single-component Primer: Resin Adhesion to Glass Ceramics. <i>Journal of Adhesive Dentistry</i> , 2018 , 20, 99-105 | 3 | 17 |
| 169 | Are posts necessary for the restoration of root filled teeth with limited tissue loss? A structured review of laboratory and clinical studies. <i>International Endodontic Journal</i> , 2016 , 49, 827-835 | 5.4 | 17 |
| 168 | Effects of mechanical cycling on the bonding of zirconia and fiber posts to human root dentin. <i>Journal of Adhesive Dentistry</i> , 2007 , 9, 327-31 | 3 | 17 |
| 167 | Fatigue failure load of feldspathic ceramic crowns after hydrofluoric acid etching at different concentrations. <i>Journal of Prosthetic Dentistry</i> , 2018 , 119, 278-285 | 4 | 16 |
| 166 | Internal adjustments decrease the fatigue failure load of bonded simplified lithium disilicate restorations. <i>Dental Materials</i> , 2018 , 34, e225-e235 | 5.7 | 16 |
| 165 | Fatigue surviving, fracture resistance, shear stress and finite element analysis of glass fiber posts with different diameters. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015 , 43, 69-77 | 4.1 | 16 |
| 164 | Effect of resin cement type on the microtensile bond strength to lithium disilicate ceramic and dentin using different test assemblies. <i>Journal of Adhesive Dentistry</i> , 2013 , 15, 361-8 | 3 | 16 |
| 163 | Effect of Hydrofluoric Acid Concentration on Resin Adhesion to a Feldspathic Ceramic. <i>Journal of Adhesive Dentistry</i> , 2015 , 17, 313-20 | 3 | 16 |
| 162 | CAD/CAM machining Vs pre-sintering in-lab fabrication techniques of Y-TZP ceramic specimens: Effects on their mechanical fatigue behavior. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017 , 71, 201-208 | 4.1 | 15 |
| 161 | Influence of finishing/polishing on the fatigue strength, surface topography, and roughness of an yttrium-stabilized tetragonal zirconia polycrystals subjected to grinding. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 93, 222-229 | 4.1 | 15 |
| 160 | Influence of hydrofluoric acid concentration on the flexural strength of a feldspathic ceramic. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015 , 48, 241-248 | 4.1 | 15 |
| 159 | Effect of ceramic thickness, grinding, and aging on the mechanical behavior of a polycrystalline zirconia. <i>Brazilian Oral Research</i> , 2017 , 31, e82 | 2.6 | 15 |
| 158 | The effect of mechanical loading on the cusp deflection of premolars restored with direct and indirect techniques. <i>Journal of Contemporary Dental Practice</i> , 2014 , 15, 75-81 | 0.7 | 15 |
| 157 | Silica coating followed by heat-treatment of MDP-primer for resin bond stability to yttria-stabilized zirconia polycrystals. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019 , 107, 104-111 | 3.5 | 15 |
| 156 | Adhesion to a Lithium Disilicate Glass Ceramic Etched with Hydrofluoric Acid at Distinct Concentrations. <i>Brazilian Dental Journal</i> , 2018 , 29, 492-499 | 1.9 | 15 |
| 155 | Different Methods for Inlay Production: Effect on Internal and Marginal Adaptation, Adjustment Time, and Contact Point. <i>Operative Dentistry</i> , 2017 , 42, 436-444 | 2.9 | 14 |
| 154 | Mechanical behavior of yttria-stabilized tetragonal zirconia polycrystal: Effects of different aging regimens. <i>Brazilian Oral Research</i> , 2017 , 31, e94 | 2.6 | 14 |

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| 153 | Influence of Endodontic Treatment and Retreatment on the Fatigue Failure Load, Numbers of Cycles for Failure, and Survival Rates of Human Canine Teeth. <i>Journal of Endodontics</i> , 2017 , 43, 2081-2087 | 4.7 | 13 |
| 152 | Effect of zirconia surface treatment, resin cement and aging on the load-bearing capacity under fatigue of thin simplified full-contour Y-TZP restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 97, 21-29 | 4.1 | 13 |
| 151 | Evaluation of tensile retention of Y-TZP crowns after long-term aging: effect of the core substrate and crown surface conditioning. <i>Operative Dentistry</i> , 2014 , 39, 619-26 | 2.9 | 13 |
| 150 | Retentive Strength of Y-TZP Crowns: Comparison of Different Silica Coating Methods on the Intaglio Surfaces. <i>Operative Dentistry</i> , 2017 , 42, E121-E133 | 2.9 | 13 |
| 149 | Effect of ceramic etching protocols on resin bond strength to a feldspar ceramic. <i>Operative Dentistry</i> , 2015 , 40, E40-6 | 2.9 | 13 |
| 148 | Micro-morphological changes prior to adhesive bonding: high-alumina and glassy-matrix ceramics. <i>Brazilian Oral Research</i> , 2008 , 22, 158-63 | 2.6 | 13 |
| 147 | Pressable feldspathic inlays in premolars: effect of cementation strategy and mechanical cycling on the adhesive bond between dentin and restoration. <i>Journal of Adhesive Dentistry</i> , 2014 , 16, 147-54 | 3 | 13 |
| 146 | Load-bearing capacity under fatigue and survival rates of adhesively cemented yttrium-stabilized zirconia polycrystal monolithic simplified restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 90, 673-680 | 4.1 | 13 |
| 145 | Sequential usage of diamond bur for CAD/CAM milling: Effect on the roughness, topography and fatigue strength of lithium disilicate glass ceramic. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 91, 326-334 | 4.1 | 13 |
| 144 | Effect of ceramic surface treatment on the microtensile bond strength between a resin cement and an alumina-based ceramic. <i>Journal of Adhesive Dentistry</i> , 2004 , 6, 327-32 | 3 | 13 |
| 143 | Effect of adhesive system type and tooth region on the bond strength to dentin. <i>Journal of Adhesive Dentistry</i> , 2008 , 10, 127-33 | 3 | 13 |
| 142 | Multi-step adhesive cementation versus one-step adhesive cementation: push-out bond strength between fiber post and root dentin before and after mechanical cycling. <i>General Dentistry</i> , 2011 , 59, e185-91 | 1.2 | 13 |
| 141 | Effect of surface conditioning modalities on the repair bond strength of resin composite to the zirconia core / veneering ceramic complex. <i>Journal of Adhesive Dentistry</i> , 2013 , 15, 207-10 | 3 | 13 |
| 140 | Effect of operator experience and cementation strategies on the bond strength between fiber post and root dentin. <i>Journal of Adhesion Science and Technology</i> , 2017 , 31, 1-7 | 2 | 12 |
| 139 | How does hydrofluoric acid etching affect the cyclic load-to-failure of lithium disilicate restorations?. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 87, 306-311 | 4.1 | 12 |
| 138 | Adhesive cementation of zirconia posts to root dentin: evaluation of the mechanical cycling effect. <i>Brazilian Oral Research</i> , 2008 , 22, 264-9 | 2.6 | 12 |
| 137 | Comparison of endocrowns made of lithium disilicate glass-ceramic or polymer-infiltrated ceramic networks and direct composite resin restorations: fatigue performance and stress distribution. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 100, 103401 | 4.1 | 11 |
| 136 | One-step ceramic primer as surface conditioner: Effect on the load-bearing capacity under fatigue of bonded lithium disilicate ceramic simplified restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 104, 103686 | 4.1 | 11 |

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| 135 | Bacterial Colonization in the Marginal Region of Ceramic Restorations: Effects of Different Cement Removal Methods and Polishing. <i>Operative Dentistry</i> , 2016 , 41, 642-654 | 2.9 | 11 |
| 134 | Bond strength between a polymer-infiltrated ceramic network and a composite for repair: effect of several ceramic surface treatments. <i>Brazilian Oral Research</i> , 2018 , 32, e28 | 2.6 | 11 |
| 133 | Grinding With Diamond Burs and Hydrothermal Aging of a Y-TZP Material: Effect on the Material Surface Characteristics and Bacterial Adhesion. <i>Operative Dentistry</i> , 2017 , 42, 669-678 | 2.9 | 11 |
| 132 | Ceramic primer heat-treatment effect on resin cement/Y-TZP bond strength. <i>Operative Dentistry</i> , 2012 , 37, 634-40 | 2.9 | 11 |
| 131 | Bonding to densely sintered alumina- and glass infiltrated aluminum / zirconium-based ceramics. <i>Journal of Applied Oral Science</i> , 2005 , 13, 47-52 | 3.3 | 11 |
| 130 | Grinding, polishing and glazing of the occlusal surface do not affect the load-bearing capacity under fatigue and survival rates of bonded monolithic fully-stabilized zirconia simplified restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 103, 103528 | 4.1 | 11 |
| 129 | Low-Fusing Porcelain Glaze Application on 3Y-TZP Surfaces can Enhance Zirconia-Porcelain Adhesion. <i>Brazilian Dental Journal</i> , 2016 , 27, 543-547 | 1.9 | 11 |
| 128 | Microstructure, topography, surface roughness, fractal dimension, internal and marginal adaptation of pressed and milled lithium-disilicate monolithic restorations. <i>Journal of Prosthodontic Research</i> , 2020 , 64, 12-19 | 4.3 | 11 |
| 127 | Resin bonding to a feldspar ceramic after different ceramic surface conditioning methods: evaluation of contact angle, surface pH, and microtensile bond strength durability. <i>Journal of Adhesive Dentistry</i> , 2011 , 13, 551-60 | 3 | 11 |
| 126 | Survival rate, load to fracture, and finite element analysis of incisors and canines restored with ceramic veneers having varied preparation design. <i>Operative Dentistry</i> , 2014 , 39, 530-40 | 2.9 | 10 |
| 125 | Effect of composite surface treatment and aging on the bond strength between a core build-up composite and a luting agent. <i>Journal of Applied Oral Science</i> , 2015 , 23, 71-8 | 3.3 | 10 |
| 124 | Effect of root canal preparation, type of endodontic post and mechanical cycling on root fracture strength. <i>Journal of Applied Oral Science</i> , 2014 , 22, 165-73 | 3.3 | 10 |
| 123 | Effect of the Etching Duration and Ultrasonic Cleaning on Microtensile Bond Strength Between Feldspathic Ceramic and Resin Cement 2013 , 89, 159-173 | | 10 |
| 122 | Fatigue performance of distinct CAD/CAM dental ceramics. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 103, 103540 | 4.1 | 10 |
| 121 | Ceramic Inlays: Effect of Mechanical Cycling and Ceramic Type on Restoration-dentin Bond Strength. <i>Operative Dentistry</i> , 2016 , 41, E102-17 | 2.9 | 10 |
| 120 | Fatigue failure load and finite element analysis of multilayer ceramic restorations. <i>Dental Materials</i> , 2019 , 35, 64-73 | 5.7 | 10 |
| 119 | Impact of surface finishes on the flexural strength and fracture toughness of In-Ceram Zirconia. <i>General Dentistry</i> , 2012 , 60, 138-42 | 1.2 | 10 |
| 118 | Effect of grinding and aging on subcritical crack growth of a Y-TZP ceramic. <i>Brazilian Oral Research</i> , 2018 , 32, e32 | 2.6 | 9 |

| | | | |
|-----|--|-----|---|
| 117 | Low-fusing porcelain glaze application does not damage the fatigue strength of Y-TZP. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 99, 198-205 | 4.1 | 9 |
| 116 | Effect of zirconia polycrystal and stainless steel on the wear of resin composites, dentin and enamel. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 91, 287-293 | 4.1 | 9 |
| 115 | Polishing of Ground Y-TZP Ceramic is Mandatory for Improving the Mechanical Behavior. <i>Brazilian Dental Journal</i> , 2018 , 29, 483-491 | 1.9 | 9 |
| 114 | Newer vs. older CAD/CAM burs: Influence of bur experience on the fatigue behavior of adhesively cemented simplified lithium-disilicate glass-ceramic restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 95, 172-179 | 4.1 | 8 |
| 113 | Fiber-matrix integrity, micromorphology and flexural strength of glass fiber posts: Evaluation of the impact of rotary instruments. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015 , 48, 192-199 | 4.1 | 8 |
| 112 | Evaluation of tensile retention of Y-TZP crowns cemented on resin composite cores: effect of the cement and Y-TZP surface conditioning. <i>Operative Dentistry</i> , 2015 , 40, E1-E10 | 2.9 | 8 |
| 111 | Longevity of metal-ceramic crowns cemented with self-adhesive resin cement: a prospective clinical study. <i>Brazilian Oral Research</i> , 2017 , 31, e22 | 2.6 | 8 |
| 110 | A Multicenter Randomized Double-blind Controlled Clinical Trial of Fiber Post Cementation Strategies. <i>Operative Dentistry</i> , 2018 , 43, 128-135 | 2.9 | 8 |
| 109 | Durability of adhesion between feldspathic ceramic and resin cements: effect of adhesive resin, polymerization mode of resin cement, and aging. <i>Journal of Prosthodontics</i> , 2013 , 22, 196-202 | 3.9 | 8 |
| 108 | Bond strength of two resin cements on dentin using different cementation strategies. <i>Journal of Esthetic and Restorative Dentistry</i> , 2010 , 22, 262-8 | 3.5 | 8 |
| 107 | Effect of Grinding and Multi-Stimuli Aging on the Fatigue Strength of a Y-TZP Ceramic. <i>Brazilian Dental Journal</i> , 2018 , 29, 60-67 | 1.9 | 8 |
| 106 | Effect of silica coating on flexural strength of fiber posts. <i>International Journal of Prosthodontics</i> , 2006 , 19, 74-6 | 1.9 | 8 |
| 105 | Repair bond strength of a resin composite to alumina-reinforced feldspathic ceramic. <i>International Journal of Prosthodontics</i> , 2006 , 19, 400-2 | 1.9 | 8 |
| 104 | Influence of insertion techniques for resin cement and mechanical cycling on the bond strength between fiber posts and root dentin. <i>Journal of Adhesive Dentistry</i> , 2015 , 17, 175-80 | 3 | 7 |
| 103 | Microhardness of dual-polymerized resin cement around a translucent fiber post in the intraradicular environment. <i>Journal of Conservative Dentistry</i> , 2011 , 14, 370-3 | 0.9 | 7 |
| 102 | The Effect of Mechanical Loading on the Cusp Deflection of Premolars Restored with Direct and Indirect Techniques. <i>Journal of Contemporary Dental Practice</i> , 2014 , 15, 75-81 | 0.7 | 7 |
| 101 | Effect of Different Surface Treatments of Resin Relined Fiber Posts Cemented With Self-adhesive Resin Cement on Push-out and Microtensile Bond Strength Tests. <i>Operative Dentistry</i> , 2020 , 45, E185-E195 | 3.9 | 7 |
| 100 | Effect of Post-Space Irrigation with NaOCl And CaOCl at Different Concentrations on the Bond Strength of Posts Cemented with a Self-Adhesive Resin Cement. <i>Brazilian Dental Journal</i> , 2018 , 29, 446-451 | 1.9 | 7 |

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|----|--|------|---|
| 99 | Accelerated loading frequency does not influence the fatigue behavior of polymer infiltrated ceramic network or lithium disilicate glass-ceramic restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 110, 103905 | 4.1 | 6 |
| 98 | Effect of Ferrule Thickness on Fracture Resistance of Teeth Restored With a Glass Fiber Post or Cast Post. <i>Operative Dentistry</i> , 2019 , 44, E299-E308 | 2.9 | 6 |
| 97 | Effect of thermocycling on the bond strength of a glass-infiltrated ceramic and a resin luting cement. <i>Journal of Applied Oral Science</i> , 2003 , 11, 61-7 | 3.3 | 6 |
| 96 | Durability of microtensile bond to nonetched and etched feldspar ceramic: self-adhesive resin cements vs conventional resin. <i>Journal of Adhesive Dentistry</i> , 2011 , 13, 155-62 | 3 | 6 |
| 95 | Fatigue resistance of simplified CAD-CAM restorations: Foundation material and ceramic thickness effects on the fatigue behavior of partially- and fully-stabilized zirconia. <i>Dental Materials</i> , 2021 , 37, 568-577 | 5.77 | 6 |
| 94 | In-lab simulation of CAD/CAM milling of lithium disilicate glass-ceramic specimens: Effect on the fatigue behavior of the bonded ceramic. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 121, 104604 | 4.1 | 6 |
| 93 | Effect of post length on the fatigue resistance of bovine teeth restored with bonded fiber posts: a pilot study. <i>International Journal of Prosthodontics</i> , 2006 , 19, 504-6 | 1.9 | 6 |
| 92 | Does adhesive resin application contribute to resin bond durability on etched and silanized feldspathic ceramic?. <i>Journal of Adhesive Dentistry</i> , 2008 , 10, 455-60 | 3 | 6 |
| 91 | Fatigue Failure Load of Resin-bonded Simplified Lithium Disilicate Glass-Ceramic Restorations: Effect of Ceramic Conditioning Methods. <i>Journal of Adhesive Dentistry</i> , 2019 , 21, 373-381 | 3 | 6 |
| 90 | In vitro wear of a zirconium-reinforced lithium silicate ceramic against different restorative materials. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 100, 103403 | 4.1 | 5 |
| 89 | Effects of different particle deposition parameters on adhesion of resin cement to zirconium dioxide and phase transformation. <i>Journal of Adhesion Science and Technology</i> , 2016 , 30, 412-421 | 2 | 5 |
| 88 | Influence of remaining coronal thickness and height on biomechanical behavior of endodontically treated teeth: survival rates, load to fracture and finite element analysis. <i>Journal of Applied Oral Science</i> , 2018 , 26, e20170313 | 3.3 | 5 |
| 87 | Root canal filling: fracture strength of fiber-reinforced composite-restored roots and finite element analysis. <i>Brazilian Dental Journal</i> , 2013 , 24, 619-25 | 1.9 | 5 |
| 86 | Strength of a feldspar ceramic according to the thickness and polymerization mode of the resin cement coating. <i>Dental Materials Journal</i> , 2011 , 30, 323-9 | 2.5 | 5 |
| 85 | Microtensile bond strength between indirect composite resin inlays and dentin: effect of cementation strategy and mechanical aging. <i>Journal of Adhesive Dentistry</i> , 2014 , 16, 357-63 | 3 | 5 |
| 84 | Endodontic Sealers Affect the Bond Strength of Fiber Posts and the Degree of Conversion of Two Resin Cements. <i>Journal of Adhesive Dentistry</i> , 2018 , 20, 165-172 | 3 | 5 |
| 83 | Surface treatments of a glass-fiber reinforced composite: Effect on the adhesion to a composite resin. <i>Journal of Prosthodontic Research</i> , 2020 , 64, 301-306 | 4.3 | 5 |
| 82 | Fractographical Analysis and Biomechanical Considerations of a Tooth Restored With Intracanal Fiber Post: Report of the Fracture and Importance of the Fiber Arrangements. <i>Operative Dentistry</i> , 2016 , 41, E149-E158 | 2.9 | 5 |

| | | | |
|----|--|-----|---|
| 81 | Tribochemical Glass Ceramic Coating as a New Approach for Resin Adhesion to Zirconia. <i>Journal of Adhesive Dentistry</i> , 2016 , 18, 435-440 | 3 | 5 |
| 80 | Fatigue limit of monolithic Y-TZP three-unit-fixed dental prostheses: Effect of grinding at the gingival zone of the connector. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017 , 72, 159-162 | 4.1 | 4 |
| 79 | Air-abrasion using new silica-alumina powders containing different silica concentrations: Effect on the microstructural characteristics and fatigue behavior of a Y-TZP ceramic. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 98, 11-19 | 4.1 | 4 |
| 78 | Silica infiltration in partially stabilized zirconia: Effect of hydrothermal aging on mechanical properties. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 109, 103774 | 4.1 | 4 |
| 77 | Shear bond strength of resin cement bonded to alumina ceramic after treatment by aluminum oxide sandblasting or silica coating. <i>Journal of Prosthodontics</i> , 2011 , 20, 561-5 | 3.9 | 4 |
| 76 | The Disk-Specimen Thickness Does Not Influence the Push-Out Bond Strength Results Between Fiber Post and Root Dentin 2012 , 88, 213-223 | | 4 |
| 75 | The influence of different screw tightening forces on the vertical misfit of implant-supported frameworks. <i>Journal of Applied Oral Science</i> , 2005 , 13, 120-5 | 3.3 | 4 |
| 74 | The Influence of Ceramic Re-pressing on Surface Properties, Bond Strength, and Color Stability of Leucite Ceramic. <i>Journal of Adhesive Dentistry</i> , 2018 , 20, 389-395 | 3 | 4 |
| 73 | Fatigue behavior and stress distribution of molars restored with MOD inlays with and without deep margin elevation. <i>Clinical Oral Investigations</i> , 2021 , 1 | 4.2 | 4 |
| 72 | Fatigue Failure Load of a Bonded Simplified Monolithic Feldspathic Ceramic: Influence of Hydrofluoric Acid Etching and Thermocycling. <i>Operative Dentistry</i> , 2020 , 45, E21-E31 | 2.9 | 4 |
| 71 | Influence of the foundation substrate on the fatigue behavior of bonded glass, zirconia polycrystals, and polymer infiltrated ceramic simplified CAD-CAM restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 117, 104391 | 4.1 | 4 |
| 70 | Influence of shading technique on mechanical fatigue performance and optical properties of a 4Y-TZP ceramic for monolithic restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 102, 103457 | 4.1 | 4 |
| 69 | High load frequency at 20Hz: Its effects on the fatigue behavior of a leucite-reinforced glass-ceramic. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 107, 103769 | 4.1 | 4 |
| 68 | External Marginal Gap Variation and Residual Fracture Resistance of Composite and Lithium-Silicate CAD/CAM Overlays after Cyclic Fatigue over Endodontically-Treated Molars. <i>Polymers</i> , 2021 , 13, | 4.5 | 4 |
| 67 | Influence of brush type as a carrier of adhesive solutions and paper points as an adhesive-excess remover on the resin bond to root dentin. <i>Journal of Adhesive Dentistry</i> , 2007 , 9, 521-6 | 3 | 4 |
| 66 | Evaluation of four cementation strategies on the push-out bond strength between fiber post and root dentin. <i>General Dentistry</i> , 2011 , 59, 498-502 | 1.2 | 4 |
| 65 | Fracture strength of endodontically treated teeth restored with different strategies after mechanical cycling. <i>General Dentistry</i> , 2012 , 60, e62-8 | 1.2 | 4 |
| 64 | Zirconia-porcelain bonding: effect of multiple firings on microtensile bond strength. <i>Journal of Adhesive Dentistry</i> , 2013 , 15, 467-72 | 3 | 4 |

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|----|---|-----|---|
| 63 | Influence of zirconia surface treatments on resin cement bonding and phase transformation. <i>Journal of Adhesion Science and Technology</i> , 2017 , 31, 1671-1682 | 2 | 3 |
| 62 | Endodontic Irrigation Protocols: Effects on Bonding of Adhesive Systems to Coronal Enamel and Dentin. <i>Journal of Esthetic and Restorative Dentistry</i> , 2017 , 29, 222-228 | 3.5 | 3 |
| 61 | Bonding strategies to full-contour zirconia: Zirconia pretreatment with piranha solution, glaze and airborne-particle abrasion. <i>International Journal of Adhesion and Adhesives</i> , 2017 , 77, 151-156 | 3.4 | 3 |
| 60 | Strength of a Zirconia-Reinforced Lithium Silicate Ceramic: Acid-Etching Time and Resin Cement Application Effects. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2019 , 39, 431-437 | 2.1 | 3 |
| 59 | Heat treatment of silanized feldspathic ceramic: Effect on the bond strength to resin after thermocycling. <i>International Journal of Adhesion and Adhesives</i> , 2015 , 63, 96-101 | 3.4 | 3 |
| 58 | Grinding the intaglio surface of yttria partially- and fully-stabilized zirconia polycrystals restorations: Effect on their fatigue behavior. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 109, 103800 | 4.1 | 3 |
| 57 | Effect of resin cement space on the fatigue behavior of bonded CAD/CAM leucite ceramic crowns. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 110, 103893 | 4.1 | 3 |
| 56 | Survival rate and load to failure of premolars restored with inlays: An evaluation of different inlay fabrication methods. <i>Journal of Prosthetic Dentistry</i> , 2019 , 121, 292-297 | 4 | 3 |
| 55 | Effect of seating forces on cement-ceramic adhesion in microtensile bond tests. <i>Clinical Oral Investigations</i> , 2013 , 17, 325-31 | 4.2 | 3 |
| 54 | Critical appraisal. Resin bonding to zirconia. <i>Journal of Esthetic and Restorative Dentistry</i> , 2012 , 24, 417-29.5 | 2.5 | 3 |
| 53 | Surface conditioning of a composite used for inlay/onlay restorations: effect on muTBS to resin cement. <i>Journal of Adhesive Dentistry</i> , 2007 , 9, 495-8 | 3 | 3 |
| 52 | Effect of the layering technique on bond strength and cohesive resistance of a porcelain-zirconia system. <i>Journal of Adhesive Dentistry</i> , 2014 , 16, 57-62 | 3 | 3 |
| 51 | Effect of the interfacial area measurement parameters on the push-out strength between fiber post and dentin. <i>International Journal of Adhesion and Adhesives</i> , 2014 , 50, 7-10 | 3.4 | 2 |
| 50 | Influence of Surface Conditioning Protocols on Glass-Fiber Post Adhesion Performance After Aging and Flexural Strength 2013 , 89, 755-768 | | 2 |
| 49 | Adhesives with different pHs: effect on the MTBS of chemically activated and light-activated composites to human dentin. <i>Journal of Applied Oral Science</i> , 2007 , 15, 265-9 | 3.3 | 2 |
| 48 | Resin push-out bonding strength to root canal dentin: effect of the irrigation solution application prior to post cementation. <i>Brazilian Dental Science</i> , 2017 , 20, 85 | 1.2 | 2 |
| 47 | Mechanical behavior and microstructural characterization of different zirconia polycrystals in different thicknesses.. <i>Journal of Advanced Prosthodontics</i> , 2021 , 13, 385-395 | 2.2 | 2 |
| 46 | Effect of two resin cements and two fiber post surface treatments on push-out bond strength between fiber post and root dentin. <i>Journal of Contemporary Dental Practice</i> , 2015 , 16, 7-12 | 0.7 | 2 |

| | | | |
|----|--|-----|---|
| 45 | Fatigue performance of fully-stabilized zirconia polycrystals monolithic restorations: The effects of surface treatments at the bonding surface. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 110, 103962 | 4.1 | 2 |
| 44 | Mechanical Fatigue Analysis of PEEK as Alternative to Zirconia for Definitive Hybrid Abutments Supporting All-Ceramic Crowns. <i>International Journal of Oral and Maxillofacial Implants</i> , 2020 , 35, 1209-1217 | 3.8 | 2 |
| 43 | Fatigue behavior of bonded lithium disilicate glass-ceramic simplified restorations is not damaged by the finishing/grinding of the bonding surface of dentin analogue material. <i>International Journal of Adhesion and Adhesives</i> , 2021 , 107, 102824 | 3.4 | 2 |
| 42 | Step-stress vs. staircase fatigue tests to evaluate the effect of intaglio adjustment on the fatigue behavior of simplified lithium disilicate glass-ceramic restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 113, 104091 | 4.1 | 2 |
| 41 | Surface treatments and its effects on the fatigue behavior of a 5% mol yttria partially stabilized zirconia material. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 120, 104543 | 4.1 | 2 |
| 40 | Load-bearing capacity under fatigue and FEA analysis of simplified ceramic restorations supported by Peek or zirconia polycrystals as foundation substrate for implant purposes. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 123, 104760 | 4.1 | 2 |
| 39 | Does Luting Strategy Affect the Fatigue Behavior of Bonded Y-TZP Ceramic?. <i>Journal of Adhesive Dentistry</i> , 2018 , 20, 307-315 | 3 | 2 |
| 38 | Comparison of methanol/hydrochloric, ferric chloride acid versus tribochemical silica coating for adhesion of resin cement to zirconium dioxide. <i>Journal of Adhesion Science and Technology</i> , 2016 , 30, 2690-2698 | 2 | 1 |
| 37 | Effect of the frequency of mechanical pulses for fatigue aging testing on push-out bond strength between glass fiber posts and root dentin. <i>Journal of Adhesion Science and Technology</i> , 2016 , 30, 1243-1252 | 2.5 | 1 |
| 36 | The influence of roughness on the resistance to impact of different CAD/CAM dental ceramics.. <i>Brazilian Dental Journal</i> , 2021 , 32, 54-65 | 1.9 | 1 |
| 35 | Surface milled by CAD-CAM system Vs laboratorial methods to simulate the milled surface: Effect on the resin bond strength to lithium disilicate glass-ceramic. <i>International Journal of Adhesion and Adhesives</i> , 2021 , 113, 103068 | 3.4 | 1 |
| 34 | SEM Analysis of the in situ Early Bacterial Colonization on Two Novel Feldspathic Ceramics Submitted to Different Types of Glazing. <i>Journal of Contemporary Dental Practice</i> , 2008 , 9, 49-56 | 0.7 | 1 |
| 33 | Ceramic firing protocols and thermocycling: effects on the load-bearing capacity under fatigue of a bonded zirconia lithium silicate glass-ceramic. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 110, 103963 | 4.1 | 1 |
| 32 | Fatigue performance of adhesively luted glass or polycrystalline CAD-CAM monolithic crowns. <i>Journal of Prosthetic Dentistry</i> , 2021 , 126, 119-127 | 4 | 1 |
| 31 | Effect of the bonding strategy on the tensile retention of full-contour zirconia crowns. <i>International Journal of Adhesion and Adhesives</i> , 2018 , 85, 106-112 | 3.4 | 1 |
| 30 | Fatigue survival of endodontically treated teeth restored with different fiber-reinforced composite resin post strategies versus universal 2-piece fiber post system: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2021 , | 4 | 1 |
| 29 | Adhesion between zirconia and resin cement: A critical evaluation of testing methodologies. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 120, 104547 | 4.1 | 1 |
| 28 | Influence of surface treatment of resin composite substrate on the load-bearing capacity under fatigue of lithium disilicate monolithic simplified restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 124, 104792 | 4.1 | 1 |

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|----|--|-----|---|
| 27 | Fatigue resistance of teeth restored with fiber posts and different post cementation strengths. <i>General Dentistry</i> , 2009 , 57, 264-9 | 1.2 | 1 |
| 26 | Simulation of CAD/CAM milling on lithium disilicate: Mechanical and topographic analyses of surface grinding different protocols. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022 , 105278 | 4.1 | 1 |
| 25 | Effects of bonding area size, surface treatment and specimen configuration on the push out test for assessing bonding and stress distribution to Y-TZP. <i>International Journal of Adhesion and Adhesives</i> , 2018 , 85, 315-321 | 3.4 | 0 |
| 24 | Fatigue Failure Load of Restored Premolars: Effect of Etching the Intaglio Surface of Ceramic Inlays With Hydrofluoric Acid at Different Concentrations. <i>Operative Dentistry</i> , 2018 , 43, E81-E91 | 2.9 | 0 |
| 23 | Adhesion to Glass Ceramics: Concepts and Clinical Implications 2020 , 189-210 | | 0 |
| 22 | Is the application of a silane-based coupling agent necessary to stabilize the fatigue performance of bonded simplified lithium disilicate restorations?. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 126, 104989 | 4.1 | 0 |
| 21 | Cyclic fatigue tests on non-anatomic specimens of dental ceramic materials: A scoping review. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 126, 104985 | 4.1 | 0 |
| 20 | Spectrophotometric analysis of dental bleaching after bonding and debonding of orthodontic brackets. <i>Saudi Dental Journal</i> , 2021 , 33, 650-655 | 2.5 | 0 |
| 19 | Alumina particle air-abrasion and aging effects: Fatigue behavior of CAD/CAM resin composite crowns and flexural strength evaluations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 121, 104592 | 4.1 | 0 |
| 18 | Effect of different surface treatments on optical, colorimetric, and surface characteristics of a lithium disilicate glass-ceramic. <i>Journal of Esthetic and Restorative Dentistry</i> , 2021 , 33, 1017-1028 | 3.5 | 0 |
| 17 | Influence of zirconia surface treatments of a bilayer restorative assembly on the fatigue performance. <i>Journal of Prosthodontic Research</i> , 2021 , 65, 162-170 | 4.3 | 0 |
| 16 | Fatigue behavior and colorimetric differences of a porcelain-veneered zirconia: effect of quantity and position of specimens during firing. <i>Journal of Prosthodontic Research</i> , 2021 , 65, 202-207 | 4.3 | 0 |
| 15 | Influence of different contaminants and cleansing agents on bond strength and in situ degree of conversion of composite-adhesive interface. <i>International Journal of Adhesion and Adhesives</i> , 2021 , 110, 102932 | 3.4 | 0 |
| 14 | Grinding and polishing of the inner surface of monolithic simplified restorations made of zirconia polycrystals and lithium disilicate glass-ceramic: Effects on the load-bearing capacity under fatigue of the bonded restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 124, 104833 | 4.1 | 0 |
| 13 | Pre-sintering pigmentation techniques do not affect the fatigue behavior of adhesively luted 4YSZ restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022 , 105270 | 4.1 | 0 |
| 12 | Canal preparation and filling techniques do not influence the fracture resistance of extensively damaged teeth. <i>Brazilian Dental Journal</i> , 2014 , 25, 129-35 | 1.9 | |
| 11 | Novel cinnamon-laden nanofibers as a potential antifungal coating for poly(methyl methacrylate) denture base materials.. <i>Clinical Oral Investigations</i> , 2022 , 26, 3697 | 4.2 | |
| 10 | New Materials for CAD/CAM Systems: Resin-Based Composites, Polymer-Infiltrated Ceramic Network, Zirconia-Reinforced Lithium Silicate, and High Translucent Zirconia 2020 , 211-233 | | |

- 9 Influence of testing environment on static fatigue behavior of a glass and a polycrystalline ceramic. *Brazilian Dental Journal*, **2021**, 32, 56-64 1.9
- 8 Fracture resistance of bovine incisors restored with different glass fiber posts: effect of the diameter of fiber post. *Indian Journal of Dental Research*, **2012**, 23, 623-7 0.8
- 7 Bond strength and Weibull analysis of fiber posts luted with different cement types and mechanically aged. *Journal of Adhesion Science and Technology*, 1-12 2
- 6 Fatigue failure load of prefabricated fiber reinforced post: The influence of the post diameter and fatigue test method. *International Journal of Adhesion and Adhesives*, **2021**, 108, 102864 3.4
- 5 The number of specimens in a furnace affects the biaxial flexural strength of veneered zirconia specimens after sintering. *Journal of Adhesion Science and Technology*, **2021**, 35, 663-672 2
- 4 Does the fatigue loading frequency affect the lithium disilicate glass ceramic inlay-dentin bond strength?. *International Journal of Adhesion and Adhesives*, **2018**, 84, 301-306 3.4
- 3 Effect of the composition and manufacturing process on the resin microtensile bond strength to ceramics. *International Journal of Adhesion and Adhesives*, **2022**, 116, 103138 3.4
- 2 Fatigue strength of 5Y-FSZ: glazing and polishing effects.. *Clinical Oral Investigations*, **2022**, 1 4.2
- 1 Adhesion to a new CAD-CAM resin composite: Effects of the machining roughness simulation, surface treatments, and long-term aging. *International Journal of Adhesion and Adhesives*, **2022**, 103194 3.4