

Bogna Stawarczyk

List of Publications by Citations

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|--------------------|-------------------------|----------------|-----------------|
| 196 papers | 5,037 citations | 42 h-index | 63 g-index |
| 206 ext. papers | 6,423 ext. citations | 3.5 avg, IF | 6.08 L-index |

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 196 | Effect of zirconia surface treatments on the shear strength of zirconia/veneering ceramic composites. <i>Dental Materials Journal</i> , 2008 , 27, 448-54 | 2.5 | 175 |
| 195 | Wear characteristics of current aesthetic dental restorative CAD/CAM materials: two-body wear, gloss retention, roughness and Martens hardness. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013 , 20, 113-25 | 4.1 | 169 |
| 194 | The effect of zirconia sintering temperature on flexural strength, grain size, and contrast ratio. <i>Clinical Oral Investigations</i> , 2013 , 17, 269-74 | 4.2 | 153 |
| 193 | Polyetheretherketone-a suitable material for fixed dental prostheses?. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013 , 101, 1209-16 | 3.5 | 134 |
| 192 | Effect of different surface pre-treatments and luting materials on shear bond strength to PEEK. <i>Dental Materials</i> , 2010 , 26, 553-9 | 5.7 | 133 |
| 191 | Translucency of esthetic dental restorative CAD/CAM materials and composite resins with respect to thickness and surface roughness. <i>Journal of Prosthetic Dentistry</i> , 2015 , 113, 534-40 | 4 | 125 |
| 190 | Evaluation of mechanical and optical behavior of current esthetic dental restorative CAD/CAM composites. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015 , 55, 1-11 | 4.1 | 120 |
| 189 | Impact of thermal misfit on shear strength of veneering ceramic/zirconia composites. <i>Dental Materials</i> , 2009 , 25, 419-23 | 5.7 | 118 |
| 188 | Two-body wear of monolithic, veneered and glazed zirconia and their corresponding enamel antagonists. <i>Acta Odontologica Scandinavica</i> , 2013 , 71, 102-12 | 2.2 | 107 |
| 187 | Flexural strength of veneering ceramics for zirconia. <i>Journal of Dentistry</i> , 2008 , 36, 316-21 | 4.8 | 102 |
| 186 | Load-bearing capacity of CAD/CAM milled polymeric three-unit fixed dental prostheses: effect of aging regimens. <i>Clinical Oral Investigations</i> , 2012 , 16, 1669-77 | 4.2 | 85 |
| 185 | Effect of thermal misfit between different veneering ceramics and zirconia frameworks on in vitro fracture load of single crowns. <i>Dental Materials Journal</i> , 2007 , 26, 766-72 | 2.5 | 83 |
| 184 | In vitro study of the influence of the type of connection on the fracture load of zirconia abutments with internal and external implant-abutment connections. <i>International Journal of Oral and Maxillofacial Implants</i> , 2009 , 24, 850-8 | 2.8 | 81 |
| 183 | PEEK surface treatment effects on tensile bond strength to veneering resins. <i>Journal of Prosthetic Dentistry</i> , 2014 , 112, 1278-88 | 4 | 79 |
| 182 | Discoloration of manually fabricated resins and industrially fabricated CAD/CAM blocks versus glass-ceramic: effect of storage media, duration, and subsequent polishing. <i>Dental Materials Journal</i> , 2012 , 31, 377-83 | 2.5 | 79 |
| 181 | Three-unit reinforced polyetheretherketone composite FDPs: influence of fabrication method on load-bearing capacity and failure types. <i>Dental Materials Journal</i> , 2015 , 34, 7-12 | 2.5 | 76 |
| 180 | Comparison of four monolithic zirconia materials with conventional ones: Contrast ratio, grain size, four-point flexural strength and two-body wear. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 59, 128-138 | 4.1 | 74 |

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| 179 | Bending moments of zirconia and titanium abutments with internal and external implant-abutment connections after aging and chewing simulation. <i>Clinical Oral Implants Research</i> , 2012 , 23, 12-8 | 4.8 | 74 |
| 178 | Compatibility of machined Ce-TZP/Al ₂ O ₃ nanocomposite and a veneering ceramic. <i>Dental Materials</i> , 2007 , 23, 1500-5 | 5.7 | 74 |
| 177 | Fit of 4-unit FDPs made of zirconia and CoCr-alloy after chairside and labside digitalization--a laboratory study. <i>Dental Materials</i> , 2014 , 30, 400-7 | 5.7 | 73 |
| 176 | Tensile bond strength of veneering resins to PEEK: impact of different adhesives. <i>Dental Materials Journal</i> , 2013 , 32, 441-8 | 2.5 | 71 |
| 175 | Physicomechanical characterization of polyetheretherketone and current esthetic dental CAD/CAM polymers after aging in different storage media. <i>Journal of Prosthetic Dentistry</i> , 2016 , 115, 321-8.e2 | 4 | 70 |
| 174 | Two-body wear rate of CAD/CAM resin blocks and their enamel antagonists. <i>Journal of Prosthetic Dentistry</i> , 2013 , 109, 325-32 | 4 | 68 |
| 173 | Effect of surface conditioning with airborne-particle abrasion on the tensile strength of polymeric CAD/CAM crowns luted with self-adhesive and conventional resin cements. <i>Journal of Prosthetic Dentistry</i> , 2012 , 107, 94-101 | 4 | 62 |
| 172 | The effect of surface modification on the retention strength of polyetheretherketone crowns adhesively bonded to dentin abutments. <i>Journal of Prosthetic Dentistry</i> , 2014 , 112, 1489-97 | 4 | 61 |
| 171 | Are self-adhesive resin cements a valid alternative to conventional resin cements? A laboratory study of the long-term bond strength. <i>Dental Materials</i> , 2012 , 28, 1183-90 | 5.7 | 59 |
| 170 | Effect of different adhesives combined with two resin composite cements on shear bond strength to polymeric CAD/CAM materials. <i>Dental Materials Journal</i> , 2013 , 32, 492-501 | 2.5 | 59 |
| 169 | Influence of plasma pretreatment on shear bond strength of self-adhesive resin cements to polyetheretherketone. <i>Clinical Oral Investigations</i> , 2014 , 18, 163-70 | 4.2 | 58 |
| 168 | Complete denture fabrication supported by CAD/CAM. <i>Journal of Prosthetic Dentistry</i> , 2016 , 115, 541-6 | 4 | 57 |
| 167 | In vitro fatigue and fracture resistance of one- and two-piece CAD/CAM zirconia implant abutments. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 546-54 | 2.8 | 57 |
| 166 | Tensile bond strength of resin composite repair in vitro using different surface preparation conditionings to an aged CAD/CAM resin nanoceramic. <i>Clinical Oral Investigations</i> , 2015 , 19, 299-308 | 4.2 | 55 |
| 165 | Shear bond strength between veneering ceramics and ceria-stabilized zirconia/alumina. <i>Journal of Prosthetic Dentistry</i> , 2010 , 103, 267-74 | 4 | 54 |
| 164 | Two-body wear rate of PEEK, CAD/CAM resin composite and PMMA: Effect of specimen geometries, antagonist materials and test set-up configuration. <i>Dental Materials</i> , 2016 , 32, e127-36 | 5.7 | 53 |
| 163 | Quantification of the amount of blue light passing through monolithic zirconia with respect to thickness and polymerization conditions. <i>Journal of Prosthetic Dentistry</i> , 2015 , 113, 114-21 | 4 | 52 |
| 162 | The influence of grain size on low-temperature degradation of dental zirconia. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012 , 100, 447-56 | 3.5 | 50 |

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| 161 | Fracture load of 3D-printed fixed dental prostheses compared with milled and conventionally fabricated ones: the impact of resin material, build direction, post-curing, and artificial aging-an in vitro study. <i>Clinical Oral Investigations</i> , 2020 , 24, 701-710 | 4.2 | 47 |
| 160 | Repairability of CAD/CAM high-density PMMA- and composite-based polymers. <i>Clinical Oral Investigations</i> , 2015 , 19, 2007-13 | 4.2 | 45 |
| 159 | Impact of thermal properties of veneering ceramics on the fracture load of layered Ce-TZP/A nanocomposite frameworks. <i>Dental Materials</i> , 2009 , 25, 326-30 | 5.7 | 45 |
| 158 | Bending moments of zirconia and titanium implant abutments supporting all-ceramic crowns after aging. <i>Clinical Oral Implants Research</i> , 2014 , 25, 74-81 | 4.8 | 43 |
| 157 | Zirconia ceramics, their contrast ratio and grain size depending on sintering parameters. <i>Dental Materials Journal</i> , 2014 , 33, 591-8 | 2.5 | 43 |
| 156 | Two regression methods for estimation of a two-parameter Weibull distribution for reliability of dental materials. <i>Dental Materials</i> , 2015 , 31, e33-50 | 5.7 | 42 |
| 155 | Adhesive performance of a caries infiltrant on sound and demineralised enamel. <i>Journal of Dentistry</i> , 2011 , 39, 117-21 | 4.8 | 42 |
| 154 | Load-bearing capacity and failure types of anterior zirconia crowns veneered with overpressing and layering techniques. <i>Dental Materials</i> , 2011 , 27, 1045-53 | 5.7 | 42 |
| 153 | Effect of different surface pretreatments and adhesives on the load-bearing capacity of veneered 3-unit PEEK FDPs. <i>Journal of Prosthetic Dentistry</i> , 2015 , 114, 666-73 | 4 | 41 |
| 152 | Impact of high-speed sintering on translucency, phase content, grain sizes, and flexural strength of 3Y-TZP and 4Y-TZP zirconia materials. <i>Journal of Prosthetic Dentistry</i> , 2019 , 122, 396-403 | 4 | 37 |
| 151 | Flexural strength, fracture toughness, and translucency of cubic/tetragonal zirconia materials. <i>Journal of Prosthetic Dentistry</i> , 2018 , 120, 948-954 | 4 | 37 |
| 150 | Bonding of composite resins to PEEK: the influence of adhesive systems and air-abrasion parameters. <i>Clinical Oral Investigations</i> , 2018 , 22, 763-771 | 4.2 | 36 |
| 149 | Quantification of the amount of light passing through zirconia: the effect of material shade, thickness, and curing conditions. <i>Journal of Dentistry</i> , 2014 , 42, 684-90 | 4.8 | 34 |
| 148 | Influence of PEEK surface modification on surface properties and bond strength to veneering resin composites. <i>Journal of Adhesive Dentistry</i> , 2014 , 16, 383-92 | 3 | 33 |
| 147 | Repair of silorane composite--using the same substrate or a methacrylate-based composite?. <i>Dental Materials</i> , 2012 , 28, e19-25 | 5.7 | 31 |
| 146 | Shear bond strength of brackets to demineralize enamel after different pretreatment methods. <i>Angle Orthodontist</i> , 2012 , 82, 56-61 | 2.6 | 31 |
| 145 | The effect of thermal cycling on metal-ceramic bond strength. <i>Journal of Dentistry</i> , 2009 , 37, 549-53 | 4.8 | 31 |
| 144 | Bending moments and types of failure of zirconia and titanium abutments with internal implant-abutment connections: a laboratory study. <i>International Journal of Oral and Maxillofacial Implants</i> , 2012 , 27, 505-12 | 2.8 | 31 |

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| 143 | The impact of in vitro aging on the mechanical and optical properties of indirect veneering composite resins. <i>Journal of Prosthetic Dentistry</i> , 2011 , 106, 386-98 | 4 | 29 |
| 142 | The effects of desensitizing resin, resin sealing, and provisional cement on the bond strength of dentin luted with self-adhesive and conventional resin cements. <i>Journal of Prosthetic Dentistry</i> , 2012 , 107, 252-60 | 4 | 27 |
| 141 | Evaluation of flexural strength of hiped and presintered zirconia using different estimation methods of Weibull statistics. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012 , 10, 227-34 | 4.1 | 26 |
| 140 | Influence of cementation and cement type on the fracture load testing methodology of anterior crowns made of different materials. <i>Dental Materials Journal</i> , 2013 , 32, 888-95 | 2.5 | 26 |
| 139 | Fracture load and failure types of different veneered polyetheretherketone fixed dental prostheses. <i>Clinical Oral Investigations</i> , 2016 , 20, 2493-2500 | 4.2 | 26 |
| 138 | Bonding to new CAD/CAM resin composites: influence of air abrasion and conditioning agents as pretreatment strategy. <i>Clinical Oral Investigations</i> , 2019 , 23, 529-538 | 4.2 | 26 |
| 137 | Impact of different adhesives on work of adhesion between CAD/CAM polymers and resin composite cements. <i>Journal of Dentistry</i> , 2014 , 42, 1105-14 | 4.8 | 25 |
| 136 | Three generations of zirconia: From veneered to monolithic. Part I. <i>Quintessence International</i> , 2017 , 48, 369-380 | 2 | 25 |
| 135 | Adhesion of veneering resins to polymethylmethacrylate-based CAD/CAM polymers after various surface conditioning methods. <i>Acta Odontologica Scandinavica</i> , 2013 , 71, 1142-8 | 2.2 | 24 |
| 134 | The effect of dentin desensitizer on shear bond strength of conventional and self-adhesive resin luting cements after aging. <i>Operative Dentistry</i> , 2011 , 36, 492-501 | 2.9 | 24 |
| 133 | Effect of sulfuric acid etching of polyetheretherketone on the shear bond strength to resin cements. <i>Journal of Adhesive Dentistry</i> , 2014 , 16, 465-72 | 3 | 24 |
| 132 | The effect of ceramic primer on shear bond strength of resin composite cement to zirconia: a function of water storage and thermal cycling. <i>Journal of the American Dental Association</i> , 2013 , 144, 1261-71 | 1.9 | 23 |
| 131 | Investigations in the correlation between Martens hardness and flexural strength of composite resin restorative materials. <i>Dental Materials Journal</i> , 2010 , 29, 188-92 | 2.5 | 23 |
| 130 | The effect of artificial aging on Martens hardness and indentation modulus of different dental CAD/CAM restorative materials. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 86, 191-198 | 4.1 | 23 |
| 129 | A novel CAD/CAM base metal compared to conventional CoCrMo alloys: an in-vitro study of the long-term metal-ceramic bond strength. <i>Oral Health and Dental Management</i> , 2014 , 13, 446-52 | 0 | 23 |
| 128 | Bonding between CAD/CAM resin and resin composite cements dependent on bonding agents: three different in vitro test methods. <i>Clinical Oral Investigations</i> , 2016 , 20, 227-36 | 4.2 | 22 |
| 127 | The fracture load and failure types of veneered anterior zirconia crowns: an analysis of normal and Weibull distribution of complete and censored data. <i>Dental Materials</i> , 2012 , 28, 478-87 | 5.7 | 22 |
| 126 | Discoloration of PMMA, composite, and PEEK. <i>Clinical Oral Investigations</i> , 2017 , 21, 1191-1200 | 4.2 | 22 |

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| 125 | Shear bond strength of orthodontic resins after caries infiltrant preconditioning. <i>Angle Orthodontist</i> , 2013 , 83, 306-12 | 2.6 | 22 |
| 124 | Retention Load of Telescopic Crowns with Different Taper Angles between Cobalt-Chromium and Polyetheretherketone Made with Three Different Manufacturing Processes Examined by Pull-Off Test. <i>Journal of Prosthodontics</i> , 2018 , 27, 162-168 | 3.9 | 21 |
| 123 | Fracture resistance and 2-body wear of 3-dimensional-printed occlusal devices. <i>Journal of Prosthetic Dentistry</i> , 2019 , 121, 166-172 | 4 | 21 |
| 122 | Impact of plasma treatment of PMMA-based CAD/CAM blanks on surface properties as well as on adhesion to self-adhesive resin composite cements. <i>Dental Materials</i> , 2013 , 29, 935-44 | 5.7 | 20 |
| 121 | Fracture load and failure analysis of zirconia single crowns veneered with pressed and layered ceramics after chewing simulation. <i>Dental Materials Journal</i> , 2011 , 30, 554-62 | 2.5 | 19 |
| 120 | Retention force of differently fabricated telescopic PEEK crowns with different tapers. <i>Dental Materials Journal</i> , 2016 , 35, 594-600 | 2.5 | 19 |
| 119 | 3D-printed material for temporary restorations: impact of print layer thickness and post-curing method on degree of conversion. <i>International Journal of Computerized Dentistry</i> , 2019 , 22, 231-237 | 4.5 | 19 |
| 118 | Different surface modifications combined with universal adhesives: the impact on the bonding properties of zirconia to composite resin cement. <i>Clinical Oral Investigations</i> , 2019 , 23, 3941-3950 | 4.2 | 18 |
| 117 | Work of adhesion between resin composite cements and PEEK as a function of etching duration with sulfuric acid and its correlation with bond strength values. <i>International Journal of Adhesion and Adhesives</i> , 2014 , 54, 184-190 | 3.4 | 17 |
| 116 | Impact of Gluma Desensitizer on the tensile strength of zirconia crowns bonded to dentin: an in vitro study. <i>Clinical Oral Investigations</i> , 2012 , 16, 201-13 | 4.2 | 17 |
| 115 | Influence of Specimen Preparation and Test Methods on the Flexural Strength Results of Monolithic Zirconia Materials. <i>Materials</i> , 2016 , 9, | 3.5 | 17 |
| 114 | Suitability of Secondary PEEK Telescopic Crowns on Zirconia Primary Crowns: The Influence of Fabrication Method and Taper. <i>Materials</i> , 2016 , 9, | 3.5 | 17 |
| 113 | Blue-Light Transmittance of Esthetic Monolithic CAD/CAM Materials With Respect to Their Composition, Thickness, and Curing Conditions. <i>Operative Dentistry</i> , 2016 , 41, 531-540 | 2.9 | 17 |
| 112 | Fracture Toughness Analysis of Ceramic and Resin Composite CAD/CAM Material. <i>Operative Dentistry</i> , 2019 , 44, E190-E201 | 2.9 | 16 |
| 111 | Evaluation of bond strength of resin cements using different general-purpose statistical software packages for two-parameter Weibull statistics. <i>Dental Materials</i> , 2012 , 28, e76-88 | 5.7 | 16 |
| 110 | Evaluation of modern bioactive restoratives for bulk-fill placement. <i>Journal of Dentistry</i> , 2016 , 49, 46-53 | 4.8 | 16 |
| 109 | Accuracy of digitally fabricated trial dentures. <i>Journal of Prosthetic Dentistry</i> , 2018 , 119, 942-947 | 4 | 15 |
| 108 | Tensile bond strength of PMMA- and composite-based CAD/CAM materials to luting cements after different conditioning methods. <i>International Journal of Adhesion and Adhesives</i> , 2013 , 46, 122-127 | 3.4 | 15 |

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| 107 | Fracture load of milled polymeric fixed dental prostheses as a function of connector cross-sectional areas. <i>Journal of Prosthetic Dentistry</i> , 2013 , 110, 288-95 | 4 | 15 |
| 106 | Surface properties of polyetheretherketone after different laboratory and chairside polishing protocols. <i>Journal of Prosthetic Dentistry</i> , 2017 , 117, 419-425 | 4 | 15 |
| 105 | PEEK Primary Crowns with Cobalt-Chromium, Zirconia and Galvanic Secondary Crowns with Different Tapers-A Comparison of Retention Forces. <i>Materials</i> , 2016 , 9, | 3.5 | 15 |
| 104 | Color change of CAD-CAM materials and composite resin cements after thermocycling. <i>Journal of Prosthetic Dentistry</i> , 2018 , 120, 546-552 | 4 | 14 |
| 103 | Fracture load of 3D printed PEEK inlays compared with milled ones, direct resin composite fillings, and sound teeth. <i>Clinical Oral Investigations</i> , 2020 , 24, 3457-3466 | 4.2 | 12 |
| 102 | Effect of caries infiltrant application on shear bond strength of different adhesive systems to sound and demineralized enamel. <i>Journal of Adhesive Dentistry</i> , 2012 , 14, 569-74 | 3 | 12 |
| 101 | Impact of hydrothermal aging on the light transmittance and flexural strength of colored yttria-stabilized zirconia materials of different formulations. <i>Journal of Prosthetic Dentistry</i> , 2021 , 125, 518-526 | 4 | 12 |
| 100 | Evaluation of translucency, Marten's hardness, biaxial flexural strength and fracture toughness of 3Y-TZP, 4Y-TZP and 5Y-TZP materials. <i>Dental Materials</i> , 2021 , 37, 212-222 | 5.7 | 12 |
| 99 | The effect of different pretreatment methods of PMMA-based crowns on the long-term tensile bond strength to dentin abutments. <i>Clinical Oral Investigations</i> , 2015 , 19, 35-43 | 4.2 | 11 |
| 98 | Comparison of various 3D printed and milled PAEK materials: Effect of printing direction and artificial aging on Martens parameters. <i>Dental Materials</i> , 2020 , 36, 197-209 | 5.7 | 11 |
| 97 | Comparison between novel strength-gradient and color-gradient multilayered zirconia using conventional and high-speed sintering. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 111, 103977 | 4.1 | 11 |
| 96 | Effect of high-speed sintering on the flexural strength of hydrothermal and thermo-mechanically aged zirconia materials. <i>Dental Materials</i> , 2020 , 36, 1144-1150 | 5.7 | 10 |
| 95 | Impact of air-abrasion pressure and adhesive systems on bonding parameters for polyetheretherketone dental restorations. <i>International Journal of Adhesion and Adhesives</i> , 2018 , 80, 30-38 | 3.4 | 10 |
| 94 | Impact of different pretreatments and aging procedures on the flexural strength and phase structure of zirconia ceramics. <i>Dental Materials</i> , 2019 , 35, 1439-1449 | 5.7 | 10 |
| 93 | Long-term tensile bond strength of differently cemented nanocomposite CAD/CAM crowns on dentin abutment. <i>Dental Materials</i> , 2014 , 30, 334-42 | 5.7 | 10 |
| 92 | Influence of abutment model materials on the fracture loads of three-unit fixed dental prostheses. <i>Dental Materials Journal</i> , 2014 , 33, 717-24 | 2.5 | 10 |
| 91 | Effects of differing thickness and mechanical properties of cement on the stress levels and distributions in a three-unit zirconia fixed prosthesis by FEA. <i>Journal of Prosthodontics</i> , 2014 , 23, 358-66 | 3.9 | 10 |
| 90 | Three generations of zirconia: From veneered to monolithic. Part II. <i>Quintessence International</i> , 2017 , 48, 441-450 | 2 | 10 |

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| 89 | Flexural strength, fracture toughness, three-body wear, and Martens parameters of pressable lithium-X-silicate ceramics. <i>Dental Materials</i> , 2020 , 36, 420-430 | 5.7 | 10 |
| 88 | In Vitro study on the influence of postpolymerization and aging on the Martens parameters of 3D-printed occlusal devices. <i>Journal of Prosthetic Dentistry</i> , 2021 , 125, 817-823 | 4 | 10 |
| 87 | Macro- and microtopographical examination and quantification of CAD-CAM composite resin 2- and 3-body wear. <i>Journal of Prosthetic Dentistry</i> , 2018 , 120, 537-545 | 4 | 9 |
| 86 | Glycine: A potential coupling agent to bond to helium plasma treated PEEK?. <i>Dental Materials</i> , 2016 , 32, 305-10 | 5.7 | 9 |
| 85 | Bonding to Different PEEK Compositions: The Impact of Dental Light Curing Units. <i>Materials</i> , 2017 , 10, | 3.5 | 9 |
| 84 | Accuracy of Digitally Fabricated Wax Denture Bases and Conventional Completed Complete Dentures. <i>Dentistry Journal</i> , 2017 , 5, | 3.1 | 9 |
| 83 | Influence of residual bone thickness on primary stability of hybrid self-tapping and cylindric non-self-tapping implants in vitro. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013 , 28, 84-8 | 2.8 | 9 |
| 82 | Accuracy of mechanical torque-limiting gauges for mini-screw placement. <i>Clinical Oral Implants Research</i> , 2010 , 21, 781-8 | 4.8 | 9 |
| 81 | The effects of internal tooth bleaching regimens on composite-to-composite bond strength. <i>Journal of the American Dental Association</i> , 2012 , 143, 1324-31 | 1.9 | 9 |
| 80 | Bonding Behaviour of Polyetherketoneketone to Methylmethacrylate- and Dimethacrylate-based Polymers. <i>Journal of Adhesive Dentistry</i> , 2017 , 19, 331-338 | 3 | 9 |
| 79 | In vitro study of the influence of dentin desensitizing and sealing on the shear bond strength of two universal resin cements. <i>Journal of Adhesive Dentistry</i> , 2010 , 12, 381-92 | 3 | 9 |
| 78 | Influence of different surface treatments on two-body wear and fracture load of monolithic CAD/CAM ceramics. <i>Clinical Oral Investigations</i> , 2020 , 24, 3049-3060 | 4.2 | 9 |
| 77 | Retention Load Values of Telescopic Crowns Made of Y-TZP and CoCr with Y-TZP Secondary Crowns: Impact of Different Taper Angles. <i>Materials</i> , 2016 , 9, | 3.5 | 9 |
| 76 | Flexural Strength of Preheated Resin Composites and Bonding Properties to Glass-Ceramic and Dentin. <i>Materials</i> , 2016 , 9, | 3.5 | 9 |
| 75 | Nine prophylactic polishing pastes: impact on discoloration, gloss, and surface properties of a CAD/CAM resin composite. <i>Clinical Oral Investigations</i> , 2019 , 23, 327-335 | 4.2 | 9 |
| 74 | Marginal adaptation, fracture load and macroscopic failure mode of adhesively luted PMMA-based CAD/CAM inlays. <i>Dental Materials</i> , 2016 , 32, e22-9 | 5.7 | 8 |
| 73 | Fracture load and chewing simulation of zirconia and stainless-steel crowns for primary molars. <i>European Journal of Oral Sciences</i> , 2019 , 127, 369-375 | 2.3 | 8 |
| 72 | Impact of the heating/quenching process on the mechanical, optical and thermodynamic properties of polyetheretherketone (PEEK) films. <i>Dental Materials</i> , 2017 , 33, 1436-1444 | 5.7 | 7 |

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| 71 | Impact of surface treatment of different reinforced glass-ceramic anterior crowns on load bearing capacity. <i>Dental Materials Journal</i> , 2015 , 34, 595-604 | 2.5 | 7 |
| 70 | Spectrophotometric Evaluation of Polyetheretherketone (PEEK) as a Core Material and a Comparison with Gold Standard Core Materials. <i>Materials</i> , 2016 , 9, | 3.5 | 7 |
| 69 | Effect of different cleaning methods of polyetheretherketone on surface roughness and surface free energy properties. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2016 , 14, e248-55 | 1.8 | 7 |
| 68 | Impact of Recently Developed Universal Adhesives on Tensile Bond Strength to Computer-aided Design/Manufacturing Ceramics. <i>Operative Dentistry</i> , 2019 , 44, 386-395 | 2.9 | 7 |
| 67 | Impact of artificial aging by thermocycling on edge chipping resistance and Martens hardness of different dental CAD-CAM restorative materials. <i>Journal of Prosthetic Dentistry</i> , 2021 , 125, 326-333 | 4 | 7 |
| 66 | Efficiency of different repair kits on bonding to aged dental resin composite substrates. <i>International Journal of Adhesion and Adhesives</i> , 2015 , 58, 7-12 | 3.4 | 6 |
| 65 | A critical evaluation of the material properties and clinical suitability of in-house printed and commercial tooth replicas for endodontic training. <i>International Endodontic Journal</i> , 2020 , 53, 1446-1454 | 5.4 | 6 |
| 64 | Bond strength between a high-performance thermoplastic and a veneering resin. <i>Journal of Prosthetic Dentistry</i> , 2020 , 124, 790-797 | 4 | 6 |
| 63 | The Effect of Different Storage Media on Color Stability of Self-Adhesive Composite Resin Cements for up to One Year. <i>Materials</i> , 2017 , 10, | 3.5 | 6 |
| 62 | Effects of different chlorhexidine pretreatments on adhesion of metal brackets in vitro. <i>Head & Face Medicine</i> , 2012 , 8, 36 | 2.4 | 6 |
| 61 | Mold filling and dimensional accuracy of titanium castings in a spinel-based investment. <i>Dental Materials</i> , 2009 , 25, 1376-82 | 5.7 | 6 |
| 60 | Impact of high-speed sintering, layer thickness and artificial aging on the fracture load and two-body wear of zirconia crowns. <i>Dental Materials</i> , 2020 , 36, 846-853 | 5.7 | 6 |
| 59 | 3D printing of dental restorations: Mechanical properties of thermoplastic polymer materials. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 119, 104544 | 4.1 | 6 |
| 58 | Titanium Implant Characteristics After Implantoplasty: An In Vitro Study on Two Different Kinds of Instrumentation. <i>International Journal of Oral and Maxillofacial Implants</i> , 2019 , 34, 1299-1305 | 2.8 | 5 |
| 57 | Impact of air-abrasion on fracture load and failure type of veneered anterior Y-TZP crowns before and after chewing simulation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012 , 100, 1683-90 | 3.5 | 5 |
| 56 | Influence of cleaning methods after 3D printing on two-body wear and fracture load of resin-based temporary crown and bridge material. <i>Clinical Oral Investigations</i> , 2021 , 25, 5987-5996 | 4.2 | 5 |
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