

Estevam A Bonfante

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

188
papers

3,607
citations

32
h-index

51
g-index

195
ext. papers

4,325
ext. citations

3.5
avg, IF

5.37
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 188 | A new classification system for all-ceramic and ceramic-like restorative materials. <i>International Journal of Prosthodontics</i> , 2015 , 28, 227-35 | 1.9 | 183 |
| 187 | All-ceramic systems: laboratory and clinical performance. <i>Dental Clinics of North America</i> , 2011 , 55, 333-52, ix | 3.3 | 157 |
| 186 | Monolithic CAD/CAM lithium disilicate versus veneered Y-TZP crowns: comparison of failure modes and reliability after fatigue. <i>International Journal of Prosthodontics</i> , 2010 , 23, 434-42 | 1.9 | 148 |
| 185 | Fatigue testing of two porcelain-zirconia all-ceramic crown systems. <i>Dental Materials</i> , 2009 , 25, 1122-7 | 5.7 | 141 |
| 184 | Laboratory simulation of Y-TZP all-ceramic crown clinical failures. <i>Journal of Dental Research</i> , 2009 , 88, 382-6 | 8.1 | 125 |
| 183 | Osseointegration: hierarchical designing encompassing the micrometer, micrometer, and nanometer length scales. <i>Dental Materials</i> , 2015 , 31, 37-52 | 5.7 | 111 |
| 182 | Effect of core design and veneering technique on damage and reliability of Y-TZP-supported crowns. <i>Dental Materials</i> , 2013 , 29, 307-16 | 5.7 | 88 |
| 181 | Cements and adhesives for all-ceramic restorations. <i>Dental Clinics of North America</i> , 2011 , 55, 311-32, ix | 3.3 | 80 |
| 180 | Modified Y-TZP core design improves all-ceramic crown reliability. <i>Journal of Dental Research</i> , 2011 , 90, 104-8 | 8.1 | 79 |
| 179 | Reliability of metallo-ceramic and zirconia-based ceramic crowns. <i>Journal of Dental Research</i> , 2010 , 89, 1051-6 | 8.1 | 68 |
| 178 | A Critical Perspective on Mechanical Testing of Implants and Prostheses. <i>Advances in Dental Research</i> , 2016 , 28, 18-27 | 2.3 | 59 |
| 177 | Fatigue life and failure modes of crowns systems with a modified framework design. <i>Journal of Dentistry</i> , 2010 , 38, 626-34 | 4.8 | 58 |
| 176 | Thermal/mechanical simulation and laboratory fatigue testing of an alternative yttria tetragonal zirconia polycrystal core-veneer all-ceramic layered crown design. <i>European Journal of Oral Sciences</i> , 2010 , 118, 202-9 | 2.3 | 56 |
| 175 | The effect of implant design on insertion torque and immediate micromotion. <i>Clinical Oral Implants Research</i> , 2012 , 23, 113-8 | 4.8 | 53 |
| 174 | Biomechanical evaluation of internal and external hexagon platform switched implant-abutment connections: An in vitro laboratory and three-dimensional finite element analysis. <i>Dental Materials</i> , 2012 , 28, e218-28 | 5.7 | 52 |
| 173 | Shrinkage assessment of low shrinkage composites using micro-computed tomography. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015 , 103, 798-806 | 3.5 | 50 |
| 172 | Reliability of reduced-thickness and thinly veneered lithium disilicate crowns. <i>Journal of Dental Research</i> , 2012 , 91, 305-10 | 8.1 | 49 |

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| 171 | Biomechanical and histologic basis of osseodensification drilling for endosteal implant placement in low density bone. An experimental study in sheep. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 63, 56-65 | 4.1 | 46 |
| 170 | Effect of framework design on crown failure. <i>European Journal of Oral Sciences</i> , 2009 , 117, 194-9 | 2.3 | 46 |
| 169 | SEM observation of the bond integrity of fiber-reinforced composite posts cemented into root canals. <i>Dental Materials</i> , 2008 , 24, 483-91 | 5.7 | 45 |
| 168 | Mechanical testing of implant-supported anterior crowns with different implant/abutment connections. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013 , 28, 103-8 | 2.8 | 43 |
| 167 | Biomechanical evaluation of undersized drilling on implant biomechanical stability at early implantation times. <i>Journal of Oral and Maxillofacial Surgery</i> , 2013 , 71, e69-75 | 1.8 | 40 |
| 166 | The effect of different implant macrogeometries and surface treatment in early biomechanical fixation: an experimental study in dogs. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2011 , 4, 1974-81 | 4.1 | 39 |
| 165 | Slow cooling protocol improves fatigue life of zirconia crowns. <i>Dental Materials</i> , 2015 , 31, 77-87 | 5.7 | 38 |
| 164 | Mechanical properties of human bone surrounding plateau root form implants retrieved after 0.3-24 years of function. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012 , 100, 2015-21 | 3.5 | 36 |
| 163 | Biomechanical and bone histomorphologic evaluation of four surfaces on plateau root form implants: an experimental study in dogs. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 109, e39-45 | | 36 |
| 162 | Comparison of external and internal implant-abutment connections for implant supported prostheses. A systematic review and meta-analysis. <i>Journal of Dentistry</i> , 2018 , 70, 14-22 | 4.8 | 36 |
| 161 | Osseointegration assessment of chairside argon-based nonthermal plasma-treated Ca-P coated dental implants. <i>Journal of Biomedical Materials Research - Part A</i> , 2013 , 101, 98-103 | 5.4 | 35 |
| 160 | Microcomputed Tomography Evaluation of Polymerization Shrinkage of Class I Flowable Resin Composite Restorations. <i>Operative Dentistry</i> , 2017 , 42, E16-E23 | 2.9 | 34 |
| 159 | Failure modes of Y-TZP crowns at different cusp inclines. <i>Journal of Dentistry</i> , 2010 , 38, 707-12 | 4.8 | 34 |
| 158 | Reliability and failure modes of internal conical dental implant connections. <i>Clinical Oral Implants Research</i> , 2013 , 24, 197-202 | 4.8 | 33 |
| 157 | Fatigue and damage accumulation of veneer porcelain pressed on Y-TZP. <i>Journal of Dentistry</i> , 2010 , 38, 318-24 | 4.8 | 33 |
| 156 | Probability of survival of implant-supported metal ceramic and CAD/CAM resin nanoceramic crowns. <i>Dental Materials</i> , 2015 , 31, e168-77 | 5.7 | 32 |
| 155 | Conventional and modified veneered zirconia vs. metaloceramic: fatigue and finite element analysis. <i>Journal of Prosthodontics</i> , 2012 , 21, 433-9 | 3.9 | 32 |
| 154 | Effect of implant connection and restoration design (screwed vs. cemented) in reliability and failure modes of anterior crowns. <i>European Journal of Oral Sciences</i> , 2011 , 119, 323-30 | 2.3 | 31 |

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| 153 | Nanometer scale titanium surface texturing are detected by signaling pathways involving transient FAK and Src activations. <i>PLoS ONE</i> , 2014 , 9, e95662 | 3.7 | 29 |
| 152 | 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 | 3.5 | 28 |
| 151 | The effect of simplifying dental implant drilling sequence on osseointegration: an experimental study in dogs. <i>International Journal of Biomaterials</i> , 2013 , 2013, 230310 | 3.2 | 28 |
| 150 | Effect of drilling technique on the early integration of plateau root form endosteal implants: an experimental study in dogs. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011 , 69, 2158-63 | 1.8 | 26 |
| 149 | Implant-abutment connection designs for anterior crowns: reliability and failure modes. <i>Implant Dentistry</i> , 2013 , 22, 540-5 | 2.4 | 25 |
| 148 | Biomechanical testing of microblasted, acid-etched/microblasted, anodized, and discrete crystalline deposition surfaces: an experimental study in beagle dogs. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013 , 28, 136-42 | 2.8 | 25 |
| 147 | Characterization and in vivo evaluation of laser sintered dental endosseous implants in dogs. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012 , 100, 1566-73 | 3.5 | 24 |
| 146 | Characterization of five different implant surfaces and their effect on osseointegration: a study in dogs. <i>Journal of Periodontology</i> , 2011 , 82, 742-50 | 4.6 | 24 |
| 145 | Reliability and failure modes of implant-supported Y-TZP and MCR three-unit bridges. <i>Clinical Implant Dentistry and Related Research</i> , 2010 , 12, 235-43 | 3.9 | 24 |
| 144 | Biomechanical evaluation of endosseous implants at early implantation times: a study in dogs. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010 , 68, 1667-75 | 1.8 | 24 |
| 143 | Bulk Fill Composites: An Anatomic Sculpting Technique. <i>Journal of Esthetic and Restorative Dentistry</i> , 2015 , 27, 335-43 | 3.5 | 21 |
| 142 | Implant biomechanical stability variation at early implantation times in vivo: an experimental study in dogs. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013 , 28, e128-34 | 2.8 | 21 |
| 141 | Biomechanical and histomorphometric analysis of etched and non-etched resorbable blasting media processed implant surfaces: an experimental study in dogs. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2010 , 3, 382-91 | 4.1 | 21 |
| 140 | A human retrieval study of plasma-sprayed hydroxyapatite-coated plateau root form implants after 2 months to 13 years in function. <i>Journal of Long-Term Effects of Medical Implants</i> , 2010 , 20, 335-42 | 0.2 | 21 |
| 139 | Biomechanical and histologic evaluation of non-washed resorbable blasting media and alumina-blasted/acid-etched surfaces. <i>Clinical Oral Implants Research</i> , 2012 , 23, 132-5 | 4.8 | 20 |
| 138 | Volumetric shrinkage and film thickness of cementation materials for veneers: An in vitro 3D microcomputed tomography analysis. <i>Journal of Prosthetic Dentistry</i> , 2017 , 117, 784-791 | 4 | 19 |
| 137 | Implant design and its effects on osseointegration over time within cortical and trabecular bone. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 1091-7 | 3.5 | 19 |
| 136 | Early bone healing and biomechanical fixation of dual acid-etched and as-machined implants with healing chambers: an experimental study in dogs. <i>International Journal of Oral and Maxillofacial Implants</i> , 2011 , 26, 75-82 | 2.8 | 19 |

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| 135 | Fatigue Failure of Narrow Implants with Different Implant-Abutment Connection Designs. <i>Journal of Prosthodontics</i> , 2018 , 27, 659-664 | 3.9 | 18 |
| 134 | Evaluation of surface roughness as a function of multiple blasting processing variables. <i>Clinical Oral Implants Research</i> , 2013 , 24, 238-42 | 4.8 | 18 |
| 133 | Digitally produced fiber-reinforced composite substructures for three-unit implant-supported fixed dental prostheses. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 321-9 | 2.8 | 18 |
| 132 | The effect of post material on the characteristic strength of fatigued endodontically treated teeth. <i>Journal of Prosthetic Dentistry</i> , 2014 , 112, 1225-30 | 4 | 17 |
| 131 | Fracture strength and probability of survival of narrow and extra-narrow dental implants after fatigue testing: In vitro and in silico analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017 , 71, 244-249 | 4.1 | 16 |
| 130 | Measurement properties of gingival biotype evaluation methods. <i>Clinical Implant Dentistry and Related Research</i> , 2018 , 20, 280-284 | 3.9 | 16 |
| 129 | Are insertion torque and early osseointegration proportional? A histologic evaluation. <i>Clinical Oral Implants Research</i> , 2015 , 26, 1256-60 | 4.8 | 16 |
| 128 | Surface treatment at the cervical region and its effect on bone maintenance after immediate implantation: an experimental study in dogs. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 110, 182-7 | | 16 |
| 127 | Nanomechanical and microstructural characterization of a zirconia-toughened alumina composite after aging. <i>Ceramics International</i> , 2019 , 45, 8840-8846 | 5.1 | 15 |
| 126 | Obesity/Metabolic Syndrome and Diabetes Mellitus on Peri-implantitis. <i>Trends in Endocrinology and Metabolism</i> , 2020 , 31, 596-610 | 8.8 | 15 |
| 125 | Buccal and lingual bone level alterations after immediate implantation of four implant surfaces: a study in dogs. <i>Clinical Oral Implants Research</i> , 2013 , 24, 1375-80 | 4.8 | 15 |
| 124 | Assessment of Atmospheric Pressure Plasma Treatment for Implant Osseointegration. <i>BioMed Research International</i> , 2015 , 2015, 761718 | 3 | 15 |
| 123 | Evaluation of a nanometer roughness scale resorbable media-processed surface: a study in dogs. <i>Clinical Oral Implants Research</i> , 2012 , 23, 119-24 | 4.8 | 15 |
| 122 | Fatigue reliability of 3 single-unit implant-abutment designs. <i>Implant Dentistry</i> , 2012 , 21, 67-71 | 2.4 | 15 |
| 121 | Physicochemical characterization of three fiber-reinforced epoxide-based composites for dental applications. <i>Materials Science and Engineering C</i> , 2016 , 69, 905-13 | 8.3 | 15 |
| 120 | Zirconia-reinforced lithium silicate crowns: Effect of thickness on survival and failure mode. <i>Dental Materials</i> , 2019 , 35, 1007-1016 | 5.7 | 14 |
| 119 | Biomaterial and biomechanical considerations to prevent risks in implant therapy. <i>Periodontology 2000</i> , 2019 , 81, 139-151 | 12.9 | 14 |
| 118 | Residual thermal stress simulation in three-dimensional molar crown systems: a finite element analysis. <i>Journal of Prosthodontics</i> , 2012 , 21, 529-34 | 3.9 | 14 |

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| 117 | The effect of brain-derived neurotrophic factor on periodontal furcation defects. <i>PLoS ONE</i> , 2014 , 9, e84845 | 3.7 | 14 |
| 116 | Reliability and failure modes of anterior single-unit implant-supported restorations. <i>Clinical Oral Implants Research</i> , 2012 , 23, 1005-11 | 4.8 | 14 |
| 115 | Surface characterization, biomechanical, and histologic evaluation of alumina and bioactive resorbable blasting textured surfaces in titanium implant healing chambers: an experimental study in dogs. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013 , 28, 694-700 | 2.8 | 14 |
| 114 | Histologic and biomechanical evaluation of alumina-blasted/acid-etched and resorbable blasting media surfaces. <i>Journal of Oral Implantology</i> , 2012 , 38, 549-57 | 1.2 | 14 |
| 113 | Osseodensification outperforms conventional implant subtractive instrumentation: A study in sheep. <i>Materials Science and Engineering C</i> , 2018 , 90, 300-307 | 8.3 | 14 |
| 112 | Microstructural analysis and reliability of monolithic zirconia after simulated adjustment protocols. <i>Dental Materials</i> , 2017 , 33, 934-943 | 5.7 | 13 |
| 111 | Pain from Dental Implant Placement, Inflammatory Pulpitis Pain, and Neuropathic Pain Present Different Somatosensory Profiles. <i>Journal of Oral and Facial Pain and Headache</i> , 2017 , 31, 19-29 | 2.5 | 13 |
| 110 | Effects of implant diameter and prosthesis retention system on the reliability of single crowns. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 95-101 | 2.8 | 13 |
| 109 | Bone mineral apposition rates at early implantation times around differently prepared titanium surfaces: a study in beagle dogs. <i>International Journal of Oral and Maxillofacial Implants</i> , 2011 , 26, 63-9 | 2.8 | 13 |
| 108 | Aging resistant ZTA composite for dental applications: Microstructural, optical and mechanical characterization. <i>Dental Materials</i> , 2020 , 36, 1190-1200 | 5.7 | 12 |
| 107 | The effect of osseodensification drilling for endosteal implants with different surface treatments: A study in sheep. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019 , 107, 615-623 | 3.5 | 12 |
| 106 | Mechanical testing of thin-walled zirconia abutments. <i>Journal of Applied Oral Science</i> , 2013 , 21, 20-4 | 3.3 | 12 |
| 105 | The Synergistic Effect of Leukocyte Platelet-Rich Fibrin and Micrometer/Nanometer Surface Texturing on Bone Healing around Immediately Placed Implants: An Experimental Study in Dogs. <i>BioMed Research International</i> , 2016 , 2016, 9507342 | 3 | 12 |
| 104 | Evaluation of Dental Shade Guide Variability Using Cross-Polarized Photography. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2016 , 36, e76-81 | 2.1 | 12 |
| 103 | Minimal tooth preparation for posterior monolithic ceramic crowns: Effect on the mechanical behavior, reliability and translucency. <i>Dental Materials</i> , 2021 , 37, e140-e150 | 5.7 | 12 |
| 102 | The Effect of Osteotomy Dimension on Implant Insertion Torque, Healing Mode, and Osseointegration Indicators: A Study in Dogs. <i>Implant Dentistry</i> , 2016 , 25, 739-743 | 2.4 | 11 |
| 101 | The Effect of CAD/CAM Crown Material and Cement Type on Retention to Implant Abutments. <i>Journal of Prosthodontics</i> , 2019 , 28, e552-e556 | 3.9 | 11 |
| 100 | Mechanical Evaluation of Two Grades of Titanium Used in Implant Dentistry. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 800-5 | 2.8 | 11 |

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| 99 | Effect of implant-abutment connection design on reliability of crowns: regular vs. horizontal mismatched platform. <i>Clinical Oral Implants Research</i> , 2012 , 23, 1123-6 | 4.8 | 11 |
| 98 | Microtensile bond strength of resin-based composites to Ti-6Al-4V. <i>Dental Materials</i> , 2009 , 25, 655-61 | 5.7 | 11 |
| 97 | Lifetime prediction of zirconia and metal ceramic crowns loaded on marginal ridges. <i>Dental Materials</i> , 2016 , 32, 1543-1554 | 5.7 | 11 |
| 96 | Bone Healing Around Dental Implants: Simplified vs Conventional Drilling Protocols at Speed of 400 rpm. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017 , 32, 329-336 | 2.8 | 10 |
| 95 | Reliability and failure modes of narrow implant systems. <i>Clinical Oral Investigations</i> , 2016 , 20, 1505-13 | 4.2 | 10 |
| 94 | Effect of microthread presence and restoration design (screw versus cemented) in dental implant reliability and failure modes. <i>Clinical Oral Implants Research</i> , 2013 , 24, 191-6 | 4.8 | 10 |
| 93 | Sealing Capability and SEM Observation of the Implant-Abutment Interface. <i>International Journal of Dentistry</i> , 2011 , 2011, 864183 | 1.9 | 10 |
| 92 | Effect of aging and testing method on bond strength of CAD/CAM fiber-reinforced composite to dentin. <i>Dental Materials</i> , 2018 , 34, 1690-1701 | 5.7 | 10 |
| 91 | Resin composite repair for implant-supported crowns. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017 , 105, 1481-1489 | 3.5 | 9 |
| 90 | Progressive plateau root form dental implant osseointegration: A human retrieval study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015 , 103, 1328-32 | 3.5 | 9 |
| 89 | Clinical and histological evaluation of socket grafting using different types of bone substitute in adult patients. <i>Implant Dentistry</i> , 2014 , 23, 489-95 | 2.4 | 9 |
| 88 | Physicochemical Characterization and In Vivo Evaluation of Amorphous and Partially Crystalline Calcium Phosphate Coatings Fabricated on Ti-6Al-4V Implants by the Plasma Spray Method. <i>International Journal of Biomaterials</i> , 2012 , 2012, 603826 | 3.2 | 9 |
| 87 | Survival Probability of Narrow and Standard-Diameter Implants with Different Implant-Abutment Connection Designs. <i>International Journal of Prosthodontics</i> , 2016 , 29, 179-85 | 1.9 | 9 |
| 86 | Effect of CAD/CAM Abutment Height and Cement Type on the Retention of Zirconia Crowns. <i>Implant Dentistry</i> , 2018 , 27, 582-587 | 2.4 | 9 |
| 85 | Platform-Switching for Cemented Versus Screwed Fixed Dental Prostheses: Reliability and Failure Modes: An In Vitro Study. <i>Clinical Implant Dentistry and Related Research</i> , 2016 , 18, 830-9 | 3.9 | 8 |
| 84 | Aging resistance of an experimental zirconia-toughened alumina composite for large span dental prostheses: Optical and mechanical characterization. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 104, 103659 | 4.1 | 8 |
| 83 | Mechanical evaluation of four narrow-diameter implant systems. <i>International Journal of Prosthodontics</i> , 2014 , 27, 359-62 | 1.9 | 8 |
| 82 | Surface characterization and in vivo evaluation of dual Acid-etched and grit-blasted/acid-etched implants in sheep. <i>Implant Dentistry</i> , 2015 , 24, 256-62 | 2.4 | 8 |

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| 81 | Evaluation of collagen-based membranes for guided bone regeneration, by three-dimensional computerized microtomography. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012 , 114, 437-43 | 2 | 8 |
| 80 | Effect of Si addition on Ca- and P-impregnated implant surfaces with nanometer-scale roughness: an experimental study in dogs. <i>Clinical Oral Implants Research</i> , 2012 , 23, 373-8 | 4.8 | 8 |
| 79 | Osseointegration of Plateau Root Form Implants: Unique Healing Pathway Leading to Haversian-Like Long-Term Morphology. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 881, 111-28 | 3.6 | 8 |
| 78 | Histomorphological and Histomorphometric Analyses of Grade IV Commercially Pure Titanium and Grade V Ti-6Al-4V Titanium Alloy Implant Substrates: An In Vivo Study in Dogs. <i>Implant Dentistry</i> , 2016 , 25, 650-5 | 2.4 | 8 |
| 77 | Dental Shade Guide Variability for Hues B, C, and D Using Cross-Polarized Photography. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2018 , 38, s113-s118 | 2.1 | 8 |
| 76 | Lifetime prediction of veneered versus monolithic lithium disilicate crowns loaded on marginal ridges. <i>Dental Materials</i> , 2019 , 35, 511-522 | 5.7 | 7 |
| 75 | Residual stress of porcelain-fused to zirconia 3-unit fixed dental prostheses measured by nanoindentation. <i>Dental Materials</i> , 2018 , 34, 260-271 | 5.7 | 7 |
| 74 | Influence of platform diameter in the reliability and failure mode of extra-short dental implants. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 77, 470-474 | 4.1 | 7 |
| 73 | Regeneration of the cementum and periodontal ligament using local BDNF delivery in class II furcation defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018 , 106, 1611-1617 | 3.5 | 7 |
| 72 | Fractographic principles applied to Y-TZP mechanical behavior analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 57, 215-23 | 4.1 | 7 |
| 71 | Drilling dimension effects in early stages of osseointegration and implant stability in a canine model. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2015 , 20, e471-9 | 2.6 | 7 |
| 70 | The effect of alterations on resorbable blasting media processed implant surfaces on early bone healing: a study in rabbits. <i>Implant Dentistry</i> , 2011 , 20, 167-77 | 2.4 | 7 |
| 69 | Cementation Protocol for Bonding Zirconia Crowns to Titanium Base CAD/CAM Abutments. <i>International Journal of Prosthodontics</i> , 2020 , 33, 527-535 | 1.9 | 7 |
| 68 | Effect of Thermocycling on Biaxial Flexural Strength of CAD/CAM, Bulk Fill, and Conventional Resin Composite Materials. <i>Operative Dentistry</i> , 2019 , 44, E254-E262 | 2.9 | 6 |
| 67 | Reliability and Failure Modes of a Hybrid Ceramic Abutment Prototype. <i>Journal of Prosthodontics</i> , 2018 , 27, 83-87 | 3.9 | 6 |
| 66 | Nanomechanical Assessment of Bone Surrounding Implants Loaded for 3 Years in a Canine Experimental Model. <i>Journal of Oral and Maxillofacial Surgery</i> , 2018 , 76, 71-79 | 1.8 | 6 |
| 65 | Reliability evaluation of alumina-blasted/acid-etched versus laser-sintered dental implants. <i>Lasers in Medical Science</i> , 2013 , 28, 851-8 | 3.1 | 6 |
| 64 | Reliability testing of indirect composites as single implant restorations. <i>Journal of Prosthodontics</i> , 2011 , 20, 528-34 | 3.9 | 6 |

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| 63 | Biomechanical evaluation of an anatomically correct all-ceramic tooth-crown system configuration: core layer multivariate analysis incorporating clinically relevant variables. <i>Journal of Biomechanical Engineering</i> , 2010 , 132, 051001 | 2.1 | 6 |
| 62 | Hydrothermal degradation methods affect the properties and phase transformation depth of translucent zirconia. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 112, 104021 | 4.1 | 6 |
| 61 | Osseodensification effect on implants primary and secondary stability: Multicenter controlled clinical trial. <i>Clinical Implant Dentistry and Related Research</i> , 2021 , 23, 317-328 | 3.9 | 6 |
| 60 | Effect of implant diameter on reliability and failure modes of molar crowns. <i>International Journal of Prosthodontics</i> , 2011 , 24, 557-61 | 1.9 | 6 |
| 59 | Osteointegrative and microgeometric comparison between micro-blasted and alumina blasting/acid etching on grade II and V titanium alloys (Ti-6Al-4V). <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 97, 288-295 | 4.1 | 5 |
| 58 | Candida-Associated Denture Stomatitis and Murine Models: What Is the Importance and Scientific Evidence?. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6, | 5.6 | 5 |
| 57 | Survival probability of zirconia-reinforced lithium silicate ceramic: Effect of surface condition and fatigue test load profile. <i>Dental Materials</i> , 2020 , 36, 808-815 | 5.7 | 5 |
| 56 | Structural, chemical and optical characterizations of an experimental SiO-Y-TZP ceramic produced by the uniaxial/isostatic pressing technique. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 106, 103749 | 4.1 | 5 |
| 55 | Mechanical Behavior of Ceramic Monolithic Systems With Different Thicknesses. <i>Operative Dentistry</i> , 2019 , 44, E244-E253 | 2.9 | 5 |
| 54 | Effect of Diamondlike Carbon Coating on Reliability of Implant-Supported Crowns. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 806-13 | 2.8 | 5 |
| 53 | MicroCT analysis of a retrieved root restored with a bonded fiber-reinforced composite dowel: a pilot study. <i>Journal of Prosthodontics</i> , 2013 , 22, 478-83 | 3.9 | 5 |
| 52 | Microstructural, mechanical, and optical characterization of an experimental aging-resistant zirconia-toughened alumina (ZTA) composite. <i>Dental Materials</i> , 2020 , 36, e365-e374 | 5.7 | 5 |
| 51 | Alumina-toughened zirconia for dental applications: Physicochemical, mechanical, optical, and residual stress characterization after artificial aging. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021 , 109, 1135-1144 | 3.5 | 5 |
| 50 | Early Healing Evaluation of Commercially Pure Titanium and Ti-6Al-4V Presenting Similar Surface Texture: An In Vivo Study. <i>Implant Dentistry</i> , 2017 , 26, 338-344 | 2.4 | 4 |
| 49 | Monolithic CAD/CAM laminate veneers: Reliability and failure modes. <i>Dental Materials</i> , 2020 , 36, 724-733 | 3.7 | 4 |
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