Marco Antonio Bottino

List of Publications by Year in Descending Order

267 papers	4,428 citations	34 h-index	53 g-index
291 ext. papers	5,490 ext. citations	2.7 avg, IF	5.73 L-index

#	Paper	IF	Citations
267	Influence of Framework Material and Posterior Implant Angulation in Full-Arch All-on-4 Implant-Supported Prosthesis Stress Concentration.. *Dentistry Journal*, **2022**, 10,	3.1	4
266	Effect of Different Ceramic Materials on Fatigue Resistance and Stress Distribution in Upper Canines with Palatal Veneers.. *European Journal of Dentistry*, **2022**,	2.6	1
265	Implant-Supported Restoration with Straight and Angled Hybrid Abutments: Digital Image Correlation and 3D-Finite Element Analysis. *European Journal of General Dentistry*, **2022**, 11, 023-031	0.2	0
264	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	
263	Fatigue strength of 5Y-FSZ: glazing and polishing effects.. *Clinical Oral Investigations*, **2022**, 1	4.2	
262	CAD-FEA modeling and fracture resistance of bilayer zirconia crowns manufactured by the rapid layer technology. *Brazilian Dental Journal*, **2021**, 32, 44-55	1.9	1
261	Mechanical behavior and microstructural characterization of different zirconia polycrystals in different thicknesses.. *Journal of Advanced Prosthodontics*, **2021**, 13, 385-395	2.2	2
260	Occlusal Scheme Effect on the Biomechanical Response of Full-Arch Dental Prosthesis Supported by Titanium Implants: A Systematic Review. *Metals*, **2021**, 11, 1574	2.3	3
259	Does the glaze application on Y-TZP surface improve the bond strength to pressed veneering ceramic?. *Journal of Adhesion Science and Technology*, **2021**, 35, 1459-1471	2	1
258	The Importance of MDP Priming, Silica Blasting or Glazing on the Retention Force of Y-TZP Copings to Varying Geometry Tooth Abutments. *Coatings*, **2021**, 11, 315	2.9	
257	Influence of the dental implant number and load direction on stress distribution in a 3-unit implant-supported fixed dental prosthesis. *Dental and Medical Problems*, **2021**, 58, 69-74	1.6	4
256	Feldspathic and Lithium Disilicate Onlays with a 2-Year Follow-Up: Split-Mouth Randomized Clinical Trial. *Brazilian Dental Journal*, **2021**, 32, 53-63	1.9	1
255	Effect of surface treatment and glaze application on shade characterized resin-modified ceramic after toothbrushing. *Journal of Prosthetic Dentistry*, **2021**, 125, 691.e1-691.e7	4	1
254	Influence of Alternative and Conventional Surface Treatments on the Bonding Mechanism between PEEK and Veneering Resin for Dental Application. *Coatings*, **2021**, 11, 719	2.9	1
253	Comparative Stress Evaluation between Bilayer, Monolithic and Cutback All-Ceramic Crown Designs: 3D Finite Element Study. *Prosthesis*, **2021**, 3, 173-180	4.7	0
252	Survival Rate and Deformation of External Hexagon Implants with One-Piece Zirconia Crowns. *Metals*, **2021**, 11, 1068	2.3	5
251	Dentin/composite bond strength: effect of aging and experimental unit. *Journal of Adhesion Science and Technology*, **2021**, 35, 536-546	2	3

250	Minimal tooth preparation for posterior monolithic ceramic crowns: Effect on the mechanical behavior, reliability and translucency. *Dental Materials*, **2021**, 37, e140-e150	5.7	12
249	Biomechanical Analysis of a Custom-Made Mouthguard Reinforced With Different Elastic Modulus Laminates During a Simulated Maxillofacial Trauma. *Craniomaxillofacial Trauma & Reconstruction*, **2021**, 14, 254-260	1.3	2
248	Femtosecond Ti: Sa ultra short-pulse laser irradiation effects on the properties and morphology of the zirconia surface after ageing. *Ceramics International*, **2021**, 47, 4455-4465	5.1	0
247	Effect of Consecutive Firings on the Optical and Mechanical Properties of Silicate and Lithium Disilicate Based Glass-Ceramics. *Journal of Prosthodontics*, **2021**, 30, 776-782	3.9	1
246	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	
245	Full-Crown Versus Endocrown Approach: A 3D-Analysis of Both Restorations and the Effect of Ferrule and Restoration Material. *Journal of Prosthodontics*, **2021**, 30, 335-344	3.9	9
244	Effect of Restorative Material on Mechanical Response of Provisional Endocrowns: A 3D-FEA Study. *Materials*, **2021**, 14,	3.5	3
243	Toothbrushing Wear Resistance of Stained CAD/CAM Ceramics. *Coatings*, **2021**, 11, 224	2.9	4
242	Influence of Polymeric Restorative Materials on the Stress Distribution in Posterior Fixed Partial Dentures: 3D Finite Element Analysis. *Polymers*, **2021**, 13,	4.5	13
241	Adhesion between zirconia and resin cement: A critical evaluation of testing methodologies. *Journal of the Mechanical Behavior of Biomedical Materials*, **2021**, 120, 104547	4.1	1
240	Biomechanical evaluation of 3-unit fixed partial dentures on monotype and two-piece zirconia dental implants. *Computer Methods in Biomechanics and Biomedical Engineering*, **2021**, 1-8	2.1	4
239	Mouthguard use and TMJ injury prevention with different occlusions: A three-dimensional finite element analysis. *Dental Traumatology*, **2020**, 36, 662-669	4.5	8
238	Strength and bondability of a dental Y-TZP after silica sol-gel infiltrations. *Ceramics International*, **2020**, 46, 17018-17024	5.1	8
237	Durability of staining and glazing on a hybrid ceramics after the three-body wear. *Journal of the Mechanical Behavior of Biomedical Materials*, **2020**, 109, 103856	4.1	5
236	Torque Maintenance Capacity, Vertical Misfit, Load to Failure, and Stress Concentration of Zirconia Restorations Cemented or Notched to Titanium Bases. *International Journal of Oral and Maxillofacial Implants*, **2020**, 35, 357-365	2.8	4
235	Lithium Disilicate Crown, Zirconia Hybrid Abutment and Platform Switching to Improve the Esthetics in Anterior Region: A Case Report. *Clinical, Cosmetic and Investigational Dentistry*, **2020**, 12, 31-40	1.6	7
234	The Influence of Custom-Milled Framework Design for an Implant-Supported Full-Arch Fixed Dental Prosthesis: 3D-FEA Sudy. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	25
233	Biaxial flexural strength and Weibull characteristics of adhesively luted hybrid and reinforced CAD/CAM materials to dentin: effect of self-etching ceramic primer versus hydrofluoric acid etching. *Journal of Adhesion Science and Technology*, **2020**, 34, 1253-1268	2	1

232	Survival probability of zirconia-reinforced lithium silicate ceramic: Effect of surface condition and fatigue test load profile. *Dental Materials*, **2020**, 36, 808-815	5.7	5
231	Silica infiltration in partially stabilized zirconia: Effect of hydrothermal aging on mechanical properties. *Journal of the Mechanical Behavior of Biomedical Materials*, **2020**, 109, 103774	4.1	4
230	Stress distribution on different bar materials in implant-retained palatal obturator. *PLoS ONE*, **2020**, 15, e0241589	3.7	7
229	Effect of glazing application side and mechanical cycling on the biaxial flexural strength and Weibull characteristics of a Y-TZP ceramic. *Journal of Applied Oral Science*, **2020**, 28, e20200438	3.3	1
228	Digital Image Correlation and Finite Element Analysis of Bone Strain Generated by Implant-Retained Cantilever Fixed Prosthesis. *European journal of prosthodontics and restorative dentistry, The*, **2020**, 28, 10-17	0.9	3
227	Indications, materials and properties of 3D printing in dentistry: a literature overview. *Research, Society and Development*, **2020**, 9, e80791110632	1.1	4
226	Does the prosthesis weight matter? 3D finite element analysis of a fixed implant-supported prosthesis at different weights and implant numbers. *Journal of Advanced Prosthodontics*, **2020**, 12, 67-74	2.2	9
225	Long-term fracture load of all-ceramic crowns: Effects of veneering ceramic thickness, application techniques, and cooling protocol. *Journal of Clinical and Experimental Dentistry*, **2020**, 12, e1078-e1085	1.4	4
224	Influence of Socket-shield technique on the biomechanical response of dental implant: three-dimensional finite element analysis. *Computer Methods in Biomechanics and Biomedical Engineering*, **2020**, 23, 224-231	2.1	1
223	Three-body wear effect on different CAD/CAM ceramics staining durability. *Journal of the Mechanical Behavior of Biomedical Materials*, **2020**, 103, 103579	4.1	12
222	Effect of different repair methods on the bond strength of resin composite to CAD/CAM materials and microorganisms adhesion: An in situ study. *Journal of Dentistry*, **2020**, 93, 103266	4.8	6
221	Effect of Framework Type on the Biomechanical Behavior of Provisional Crowns: Strain Gauge and Finite Element Analyses. *International Journal of Periodontics and Restorative Dentistry*, **2020**, 40, e9-e18	2.1	3
220	Effect of different materials and undercut on the removal force and stress distribution in circumferential clasps during direct retainer action in removable partial dentures. *Dental Materials*, **2020**, 36, 179-186	5.7	18
219	Effect of finishing/polishing techniques and low temperature degradation on the surface topography, phase transformation and flexural strength of ultra-translucent ZrO ceramic. *Dental Materials*, **2020**, 36, e126-e139	5.7	19
218	Stress distribution on different bar materials in implant-retained palatal obturator **2020**, 15, e0241589		
217	Stress distribution on different bar materials in implant-retained palatal obturator **2020**, 15, e0241589		
216	Stress distribution on different bar materials in implant-retained palatal obturator **2020**, 15, e0241589		
215	Stress distribution on different bar materials in implant-retained palatal obturator **2020**, 15, e0241589		

214	Stress distribution on different bar materials in implant-retained palatal obturator **2020**, 15, e0241589		
213	Stress distribution on different bar materials in implant-retained palatal obturator **2020**, 15, e0241589		
212	In vitro wear of a zirconium-reinforced lithium silicate ceramic against different restorative materials. *Journal of the Mechanical Behavior of Biomedical Materials*, **2019**, 100, 103403	4.1	5
211	Effect of temporary cement removal methods from human dentin on zirconia-dentin adhesion. *Journal of Adhesion Science and Technology*, **2019**, 33, 2112-2127	2	4
210	Strength of a Zirconia-Reinforced Lithium Silicate Ceramic: Acid-Etching Time and Resin Cement Application Effects. *International Journal of Periodontics and Restorative Dentistry*, **2019**, 39, 431-437	2.1	3
209	Short communication: Influence of restorative material and cement on the stress distribution of posterior resin-bonded fixed dental prostheses: 3D finite element analysis. *Journal of the Mechanical Behavior of Biomedical Materials*, **2019**, 96, 279-284	4.1	12
208	Effect of different loading pistons on stress distribution of a CAD/CAM silica-based ceramic: CAD-FEA modeling and fatigue survival analysis. *Journal of the Mechanical Behavior of Biomedical Materials*, **2019**, 94, 207-212	4.1	8
207	Newer vs. older CAD/CAM burs: Influence of bur experience on the fatigue behavior of adhesively cemented simplified lithium-disilicate glass-ceramic restorations. *Journal of the Mechanical Behavior of Biomedical Materials*, **2019**, 95, 172-179	4.1	8
206	Simulation of mouthguard use in preventing dental injuries caused by different impacts in sports activities. *Sport Sciences for Health*, **2019**, 15, 85-90	1.3	10
205	Survival rate and load to failure of premolars restored with inlays: An evaluation of different inlay fabrication methods. *Journal of Prosthetic Dentistry*, **2019**, 121, 292-297	4	3
204	Biofilm Formation and Cell Viability on Polymer-infiltrated Ceramic and Yttria-stabilized Polycrystalline Zirconium Dioxide Ceramic. *Operative Dentistry*, **2019**, 44, E271-E278	2.9	3
203	Influence of substrate design for in vitro mechanical testing. *Journal of Clinical and Experimental Dentistry*, **2019**, 11, e119-e125	1.4	11
202	Reinforced Glass-ceramics: Parametric Inspection of Three-Dimensional Wear and Volumetric Loss after Chewing Simulation. *Brazilian Dental Journal*, **2019**, 30, 505-510	1.9	10
201	Influence of Ceramic Materials on Biomechanical Behavior of Implant Supported Fixed Prosthesis with Hybrid Abutment. *European journal of prosthodontics and restorative dentistry, The*, **2019**, 27, 76-82	0.9	4
200	The impact of restorative material and ceramic thickness on CADCAM endocrowns. *Journal of Clinical and Experimental Dentistry*, **2019**, 11, e969-e977	1.4	7
199	Sequential usage of diamond bur for CAD/CAM milling: Effect on the roughness, topography and fatigue strength of lithium disilicate glass ceramic. *Journal of the Mechanical Behavior of Biomedical Materials*, **2019**, 91, 326-334	4.1	13
198	Resin bond strength to zirconia: effects of surface treatments and resin cements. *General Dentistry*, **2019**, 67, 71-77	1.2	2
197	Different combinations of CAD/CAM materials on the biomechanical behavior of a two-piece prosthetic solution. *International Journal of Computerized Dentistry*, **2019**, 22, 171-176	4.5	5

196	Fatigue Failure Load of Resin-bonded Simplified Lithium Disilicate Glass-Ceramic Restorations: Effect of Ceramic Conditioning Methods. *Journal of Adhesive Dentistry*, **2019**, 21, 373-381	3	6
195	Ultrathin Monolithic Zirconia Veneers: Reality or Future? Report of a Clinical Case and One-year Follow-up. *Operative Dentistry*, **2018**, 43, 3-11	2.9	21
194	Elastic Properties of Lithium Disilicate Versus Feldspathic Inlays: Effect on the Bonding by 3D Finite Element Analysis. *Journal of Prosthodontics*, **2018**, 27, 741-747	3.9	17
193	Fatigue failure load of zirconia-reinforced lithium silicate glass ceramic cemented to a dentin analogue: Effect of etching time and hydrofluoric acid concentration. *Journal of the Mechanical Behavior of Biomedical Materials*, **2018**, 77, 375-382	4.1	30
192	Fatigue behavior of ultrafine tabletop ceramic restorations. *Dental Materials*, **2018**, 34, 1401-1409	5.7	15
191	Fatigue strength of several dental ceramics indicated for CAD-CAM monolithic restorations. *Brazilian Oral Research*, **2018**, 32, e53	2.6	24
190	Self-etching Primers vs Acid Conditioning: Impact on Bond Strength Between Ceramics and Resin Cement. *Operative Dentistry*, **2018**, 43, 372-379	2.9	32
189	Bond strength between a polymer-infiltrated ceramic network and a composite for repair: effect of several ceramic surface treatments. *Brazilian Oral Research*, **2018**, 32, e28	2.6	11
188	Monolithic Ceramics: Effect of Finishing Techniques on Surface Properties, Bacterial Adhesion and Cell Viability. *Operative Dentistry*, **2018**, 43, 315-325	2.9	33
187	Effect of primer-cement systems with different functional phosphate monomers on the adhesion of zirconia to dentin. *Journal of the Mechanical Behavior of Biomedical Materials*, **2018**, 88, 69-77	4.1	5
186	Influence of custom-made and stock mouthguard thickness on biomechanical response to a simulated impact. *Dental Traumatology*, **2018**, 34, 429-437	4.5	29
185	Influence of different restorative materials on the stress distribution in dental implants. *Journal of Clinical and Experimental Dentistry*, **2018**, 10, e439-e444	1.4	13
184	Effects of Manufacturing and Finishing Techniques of Feldspathic Ceramics on Surface Topography, Biofilm Formation, and Cell Viability for Human Gingival Fibroblasts. *Operative Dentistry*, **2018**, 43, 593-601	2.9	8
183	Evaluation of shear bond strength and shear stress on zirconia reinforced lithium silicate and high translucency zirconia.. *Journal of Oral Research*, **2018**, 7, 30-36	0.5	1
182	The Influence of Ceramic Re-pressing on Surface Properties, Bond Strength, and Color Stability of Leucite Ceramic. *Journal of Adhesive Dentistry*, **2018**, 20, 389-395	3	4
181	Do Mechanical Advantages Exist in Relining Fiber Posts with Composite Prior to its Cementation?. *Journal of Adhesive Dentistry*, **2018**, 20, 511-518	3	5
180	Simulated damage of two implant debridement methods: Nonsurgical approach with Teflon and stainless steel hand scalers. *Journal of Indian Society of Periodontology*, **2018**, 22, 340-344	1.1	1
179	CAD-FEA modeling and analysis of different full crown monolithic restorations. *Dental Materials*, **2018**, 34, 1342-1350	5.7	54

178	Can heat-pressed feldspathic ceramic be submitted to multiple heat-pressing?. *Brazilian Oral Research*, **2018**, 32, e106	2.6	2
177	Mechanical Behavior of Different Micro Conical Abutments in Fixed Prosthesis. *International Journal of Oral and Maxillofacial Implants*, **2018**, 33, 1199-1205	2.8	5
176	Influence of ceramic material, thickness of restoration and cement layer on stress distribution of occlusal veneers. *Brazilian Oral Research*, **2018**, 32, e118	2.6	25
175	A Powdering Technique for Veneering Zirconia and Its Effect on the Flexural Strength of Ceramic Bilayers. *International Journal of Periodontics and Restorative Dentistry*, **2018**, 38, 865-871	2.1	1
174	Influence of crown and hybrid abutment ceramic materials on the stress distribution of implant-supported prosthesis. *Universidade Estadual Paulista Revista De Odontologia*, **2018**, 47, 149-154	1.3	8
173	Effect of the bonding strategy on the tensile retention of full-contour zirconia crowns. *International Journal of Adhesion and Adhesives*, **2018**, 85, 106-112	3.4	1
172	The effect of extended glaze firing on the flexural fatigue strength of hard-machined ceramics. *Journal of Prosthetic Dentistry*, **2018**, 120, 755-761	4	7
171	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	
170	Effects of two grading techniques of zirconia material on the fatigue limit of full-contour 3-unit fixed dental prostheses. *Dental Materials*, **2017**, 33, e155-e164	5.7	28
169	Different Methods for Inlay Production: Effect on Internal and Marginal Adaptation, Adjustment Time, and Contact Point. *Operative Dentistry*, **2017**, 42, 436-444	2.9	14
168	Adhesive Cementation Promotes Higher Fatigue Resistance to Zirconia Crowns. *Operative Dentistry* , **2017**, 42, 215-224	2.9	43
167	Bonding strategies to full-contour zirconia: Zirconia pretreatment with piranha solution, glaze and airborne-particle abrasion. *International Journal of Adhesion and Adhesives*, **2017**, 77, 151-156	3.4	3
166	Microstructural analysis and reliability of monolithic zirconia after simulated adjustment protocols. *Dental Materials*, **2017**, 33, 934-943	5.7	13
165	Fatigue limit of monolithic Y-TZP three-unit-fixed dental prostheses: Effect of grinding at the gingival zone of the connector. *Journal of the Mechanical Behavior of Biomedical Materials*, **2017**, 72, 159-162	4.1	4
164	Color stability of ceramic laminate veneers cemented with light-polymerizing and dual-polymerizing luting agent: A split-mouth randomized clinical trial. *Journal of Prosthetic Dentistry*, **2017**, 118, 604-610	4	16
163	Effect of operator experience and cementation strategies on the bond strength between fiber post and root dentin. *Journal of Adhesion Science and Technology*, **2017**, 31, 1-7	2	12
162	Influence of ceramic thickness and light-curing time on the long-term μTBS of silica-based ceramic to human dentin. *Journal of Adhesion Science and Technology*, **2017**, 31, 1700-1710	2	2
161	Effect of ceramic thickness, grinding, and aging on the mechanical behavior of a polycrystalline zirconia. *Brazilian Oral Research*, **2017**, 31, e82	2.6	15

160	Impact of machining on the flexural fatigue strength of glass and polycrystalline CAD/CAM ceramics. *Dental Materials*, **2017**, 33, 1286-1297	5.7	32
159	Effects of porcelain thickness on the flexural strength and crack propagation in a bilayered zirconia system. *Journal of Applied Oral Science*, **2017**, 25, 566-574	3.3	4
158	Resin push-out bonding strength to root canal dentin: effect of the irrigation solution application prior to post cementation. *Brazilian Dental Science*, **2017**, 20, 85	1.2	2
157	Zirconia-Reinforced Lithium Silicate Ceramic - A 2-Year Follow-up of a Clinical Experience with Anterior Crowns. *European journal of prosthodontics and restorative dentistry, The*, **2017**, 25, 57-63	0.9	3
156	Resin Bonding to a Hybrid Ceramic: Effects of Surface Treatments and Aging. *Operative Dentistry*, **2016**, 41, 171-8	2.9	46
155	Influence of Accelerated Aging on the Color Stability of Dental Zirconia. *Journal of Esthetic and Restorative Dentistry*, **2016**, 28, 304-312	3.5	19
154	Bacterial Colonization in the Marginal Region of Ceramic Restorations: Effects of Different Cement Removal Methods and Polishing. *Operative Dentistry*, **2016**, 41, 642-654	2.9	11
153	Comparison of methanol/hydrochloric, ferric chloride acid versus tribochemical silica coating for adhesion of resin cement to zirconium dioxide. *Journal of Adhesion Science and Technology*, **2016**, 30, 2690-2698	2	1
152	Effect of Jig Design and Assessment of Stress Distribution in Testing Metal-Ceramic Adhesion. *Journal of Prosthodontics*, **2016**, 25, 665-669	3.9	1
151	A new silica-infiltrated Y-TZP obtained by the sol-gel method. *Journal of Dentistry*, **2016**, 48, 55-61	4.8	20
150	Fatigue Resistance of Y-TZP/Porcelain Crowns is Not Influenced by the Conditioning of the Intaglio Surface. *Operative Dentistry*, **2016**, 41, E1-12	2.9	29
149	Effects of Surface Treatments on the Bond Strength Between Resin Cement and a New Zirconia-reinforced Lithium Silicate Ceramic. *Operative Dentistry*, **2016**, 41, 284-92	2.9	34
148	Fatigue behavior of Y-TZP ceramic after surface treatments. *Journal of the Mechanical Behavior of Biomedical Materials*, **2016**, 57, 149-56	4.1	32
147	Effect of aging type and aged unit on the repair strength of resin composite to feldspathic porcelain in testing microtensile bond strength. *Journal of Adhesion Science and Technology*, **2016**, 30, 434-442	2	4
146	Effect of Adhesive Cementation Strategies on the Bonding of Y-TZP to Human Dentin. *Operative Dentistry*, **2016**, 41, 276-83	2.9	25
145	Distribuição de tensões ao redor de implantes com pilares protéticos de diferentes materiais: comparação entre análise fotoelástica, extensometria e elementos finitos. *Revista Odonto Ciencia*, **2016**, 30, 132		
144	The Impact of Conical and Nonconical Abutments on Bacterial Infiltration at the Implant-Abutment Interface. *International Journal of Periodontics and Restorative Dentistry*, **2016**, 36, 825-831	2.1	3
143	Effect of grinding and heat treatment on the mechanical behavior of zirconia ceramic. *Brazilian Oral Research*, **2016**, 30,	2.6	23

142	Low-Fusing Porcelain Glaze Application on 3Y-TZP Surfaces can Enhance Zirconia-Porcelain Adhesion. *Brazilian Dental Journal*, **2016**, 27, 543-547	1.9	11
141	Bonding of the Polymer Polyetheretherketone (PEEK) to Human Dentin: Effect of Surface Treatments. *Brazilian Dental Journal*, **2016**, 27, 693-699	1.9	10
140	Microstructure characterization and SCG of newly engineered dental ceramics. *Dental Materials*, **2016**, 32, 870-8	5.7	108
139	Ceramic Inlays: Effect of Mechanical Cycling and Ceramic Type on Restoration-dentin Bond Strength. *Operative Dentistry*, **2016**, 41, E102-17	2.9	10
138	Fracture of Zirconia Abutment with Metallic Insertion on Anterior Single Titanium Implant with Internal Hexagon: Retrieval Analysis of a Failure. *European journal of prosthodontics and restorative dentistry, The*, **2016**, 24, 164-168	0.9	4
137	Inlays made from a hybrid material: adaptation and bond strengths. *Operative Dentistry*, **2015**, 40, E83-91	2.9	32
136	Surface Treatments of Zirconia to Enhance Bonding Durability. *Operative Dentistry*, **2015**, 40, 636-43	2.9	31
135	Extended glaze firing improves flexural strength of a glass ceramic. *Dental Materials*, **2015**, 31, e316-24	5.7	24
134	Finite element analysis of the influence of geometry and design of zirconia crowns on stress distribution. *Journal of Prosthodontics*, **2015**, 24, 146-51	3.9	17
133	Stress distribution around osseointegrated implants with different internal-cone connections: photoelastic and finite element analysis. *Journal of Oral Implantology*, **2015**, 41, 155-62	1.2	8
132	Effect of cleansing methods on saliva-contaminated zirconia--an evaluation of resin bond durability. *Operative Dentistry*, **2015**, 40, 163-71	2.9	35
131	Evaluation of tensile retention of Y-TZP crowns cemented on resin composite cores: effect of the cement and Y-TZP surface conditioning. *Operative Dentistry*, **2015**, 40, E1-E10	2.9	8
130	Coating dental implant abutment screws with diamondlike carbon doped with diamond nanoparticles: the effect on maintaining torque after mechanical cycling. *International Journal of Oral and Maxillofacial Implants*, **2015**, 30, 1310-6	2.8	5
129	Failure Probability of Three Designs of Zirconia Crowns. *International Journal of Periodontics and Restorative Dentistry*, **2015**, 35, 843-9	2.1	20
128	Effect of composite surface treatment and aging on the bond strength between a core build-up composite and a luting agent. *Journal of Applied Oral Science*, **2015**, 23, 71-8	3.3	10
127	Effect of air-abrasion regimens and fine diamond bur grinding on flexural strength, Weibull modulus and phase transformation of zirconium dioxide. *Journal of Applied Biomaterials and Functional Materials*, **2015**, 13, e266-73	1.8	9
126	Hard machining, glaze firing and hydrofluoric acid etching: Do these procedures affect the flexural strength of a leucite glass-ceramic?. *Dental Materials*, **2015**, 31, e131-40	5.7	35
125	Influence of the resin cement thickness on the fatigue failure loads of CAD/CAM feldspathic crowns. *Dental Materials*, **2015**, 31, 895-900	5.7	40

124	Effect of ceramic etching protocols on resin bond strength to a feldspar ceramic. *Operative Dentistry*, **2015**, 40, E40-6	2.9	13
123	Influence of insertion techniques for resin cement and mechanical cycling on the bond strength between fiber posts and root dentin. *Journal of Adhesive Dentistry*, **2015**, 17, 175-80	3	7
122	Marginal and internal discrepancies of zirconia copings: effects of milling system and finish line design. *Indian Journal of Dental Research*, **2015**, 26, 15-20	0.8	5
121	Evaluation of resin bond strength to yttria-stabilized tetragonal zirconia and framework marginal fit: comparison of different surface conditionings. *Operative Dentistry*, **2014**, 39, 50-63	2.9	51
120	Effects of aging procedures on the topographic surface, structural stability, and mechanical strength of a ZrO2-based dental ceramic. *Dental Materials*, **2014**, 30, e396-404	5.7	57
119	Survival rate, load to fracture, and finite element analysis of incisors and canines restored with ceramic veneers having varied preparation design. *Operative Dentistry*, **2014**, 39, 530-40	2.9	10
118	Evaluation of tensile retention of Y-TZP crowns after long-term aging: effect of the core substrate and crown surface conditioning. *Operative Dentistry*, **2014**, 39, 619-26	2.9	13
117	Bonding of Y-TZP to dentin: effects of Y-TZP surface conditioning, resin cement type, and aging. *Operative Dentistry*, **2014**, 39, 291-300	2.9	31
116	Effect of the interfacial area measurement parameters on the push-out strength between fiber post and dentin. *International Journal of Adhesion and Adhesives*, **2014**, 50, 7-10	3.4	2
115	Adhesion of substrate□dherent combinations for early composite repairs: Effect of intermediate adhesive resin application. *International Journal of Adhesion and Adhesives*, **2014**, 49, 97-102	3.4	4
114	A microstrain comparison of passively fitting screw-retained and cemented titanium frameworks. *Journal of Prosthetic Dentistry*, **2014**, 112, 834-8	4	7
113	Influence of air-particle deposition protocols on the surface topography and adhesion of resin cement to zirconia. *Acta Odontologica Scandinavica*, **2014**, 72, 346-53	2.2	23
112	Effect of ceramic thickness and shade on mechanical properties of a resin luting agent. *Journal of Prosthodontics*, **2014**, 23, 462-6	3.9	7
111	Carbon film coating of abutment surfaces: effect on the abutment screw removal torque. *Implant Dentistry*, **2014**, 23, 434-8	2.4	6
110	Pressable feldspathic inlays in premolars: effect of cementation strategy and mechanical cycling on the adhesive bond between dentin and restoration. *Journal of Adhesive Dentistry*, **2014**, 16, 147-54	3	13
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