Bogna Stawarczyk

List of Publications by Year in Descending Order

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	Chemical and mechanical properties of dual-polymerizing core build-up materials.. *Clinical Oral Investigations*, **2022**, 1	4.2	1
195	Impact of multiple firings on thermal properties and bond strength of veneered zirconia restorations.. *Journal of the Mechanical Behavior of Biomedical Materials*, **2022**, 128, 105134	4.1	1
194	Fracture load of different veneered and implant-supported 4-UNIT cantilever PEEK fixed dental prostheses.. *Journal of the Mechanical Behavior of Biomedical Materials*, **2022**, 129, 105173	4.1	0
193	Impact of multiple firings on fracture load of veneered zirconia restorations.. *Journal of the Mechanical Behavior of Biomedical Materials*, **2022**, 130, 105213	4.1	0
192	Methodology investigation: Impact of crown geometry, crown, abutment and antagonist material and thermal loading on the two-body wear of dental materials.. *Dental Materials*, **2021**,	5.7	2
191	Orthodontic bonding to silicate ceramics: impact of different pretreatment methods on shear bond strength between ceramic restorations and ceramic brackets. *Clinical Oral Investigations*, **2021**, 1	4.2	0
190	Postpolymerization of a 3D-printed denture base polymer: Impact of post-curing methods on surface characteristics, flexural strength, and cytotoxicity. *Journal of Dentistry*, **2021**, 115, 103856	4.8	3
189	Impact of polymerization and storage on the degree of conversion and mechanical properties of veneering resin composites. *Dental Materials Journal*, **2021**, 40, 487-497	2.5	3
188	Influence of cleaning methods after 3D printing on two-body wear and fracture load of resin-based temporary crown and bridge material. *Clinical Oral Investigations*, **2021**, 25, 5987-5996	4.2	5
187	Edge chipping resistance of veneering composite resins. *Journal of the Mechanical Behavior of Biomedical Materials*, **2021**, 116, 104349	4.1	1
186	Impact of resin composite cement on color of computer-aided design/computer-aided manufacturing ceramics. *Journal of Esthetic and Restorative Dentistry*, **2021**, 33, 786-794	3.5	1
185	In vitro study on the influence of postpolymerization and aging on the Martens parameters of 3D-printed occlusal devices. *Journal of Prosthetic Dentistry*, **2021**, 125, 817-823	4	10
184	Modern CAD/CAM silicate ceramics, their translucency level and impact of hydrothermal aging on translucency, Martens hardness, biaxial flexural strength and their reliability. *Journal of the Mechanical Behavior of Biomedical Materials*, **2021**, 118, 104456	4.1	2
183	Reduced fracture load of dental implants after implantoplasty with different instrumentation sequences. An in vitro study. *Clinical Oral Implants Research*, **2021**, 32, 881-892	4.8	1
182	Impact of hydrothermal aging on the light transmittance and flexural strength of colored yttria-stabilized zirconia materials of different formulations. *Journal of Prosthetic Dentistry*, **2021**, 125, 518-526	4	12
181	Bond strength of CAD-CAM and conventional veneering materials to different frameworks. *Journal of Prosthetic Dentistry*, **2021**, 125, 664-673	4	3
180	Measuring the polymerization stress of self-adhesive resin composite cements by crack propagation. *Clinical Oral Investigations*, **2021**, 25, 1011-1018	4.2	3

179	Impact of thermocycling on mechanical properties and discoloration of veneering composite resins after storage in various staining media. *Journal of Prosthetic Dentistry*, **2021**, 125, 940-945	4	3
178	Impact of artificial aging by thermocycling on edge chipping resistance and Martens hardness of different dental CAD-CAM restorative materials. *Journal of Prosthetic Dentistry*, **2021**, 125, 326-333	4	7
177	Is the high-performance thermoplastic polyetheretherketone indicated as a clasp material for removable dental prostheses?. *Clinical Oral Investigations*, **2021**, 25, 2859-2866	4.2	3
176	Evaluation of translucency, Martens hardness, biaxial flexural strength and fracture toughness of 3Y-TZP, 4Y-TZP and 5Y-TZP materials. *Dental Materials*, **2021**, 37, 212-222	5.7	12
175	Biaxial flexural strength of zirconia: A round robin test with 12 laboratories. *Dental Materials*, **2021**, 37, 284-295	5.7	3
174	Retention force of polyetheretherketone and cobalt-chrome-molybdenum removable dental prosthesis clasps after artificial aging. *Clinical Oral Investigations*, **2021**, 25, 3141-3149	4.2	4
173	Three-dimensionally printed and milled polyphenylene sulfone materials in dentistry: Tensile bond strength to veneering composite resin and surface properties after different pretreatments. *Journal of Prosthetic Dentistry*, **2021**,	4	1
172	Mechanical and optical properties of indirect veneering resin composites after different aging regimes. *Dental Materials Journal*, **2021**, 40, 279-287	2.5	1
171	3D printing of dental restorations: Mechanical properties of thermoplastic polymer materials. *Journal of the Mechanical Behavior of Biomedical Materials*, **2021**, 119, 104544	4.1	6
170	Impact of varying step-stress protocols on the fatigue behavior of 3Y-TZP, 4Y-TZP and 5Y-TZP ceramic. *Dental Materials*, **2021**, 37, 1073-1082	5.7	3
169	Fatigue resistance of monolithic strength-gradient zirconia materials. *Journal of the Mechanical Behavior of Biomedical Materials*, **2021**, 119, 104504	4.1	0
168	Effect of adhesive systems, direct resin composites and artificial aging on tensile bond strength between different resin composites and human dentin. *International Journal of Adhesion and Adhesives*, **2021**, 108, 102888	3.4	
167	Time-dependent degree of conversion, Martens parameters, and flexural strength of different dual-polymerizing resin composite luting materials. *Clinical Oral Investigations*, **2021**, 1	4.2	2
166	Influence of Different Postpolymerization Strategies and Artificial Aging on Hardness of 3D-Printed Resin Materials: An In Vitro Study. *International Journal of Prosthodontics*, **2020**, 33, 634-640	1.9	3
165	Comparison of mechanical properties of different reinforced glass-ceramics. *Journal of Prosthetic Dentistry*, **2020**,	4	1
164	Fracture Load of Veneered Telescopic Secondary Crowns Made of High-Performance Polymer on Zirconia Primary Crowns: Impact of Veneering Technique. *International Journal of Prosthodontics*, **2020**, 33, 307-314	1.9	
163	Effect of high-speed sintering on the flexural strength of hydrothermal and thermo-mechanically aged zirconia materials. *Dental Materials*, **2020**, 36, 1144-1150	5.7	10
162	A critical evaluation of the material properties and clinical suitability of in-house printed and commercial tooth replicas for endodontic training. *International Endodontic Journal*, **2020**, 53, 1446-1454	5.4	6

161	Suitability of the new Aryl-Ketone-Polymer indicated for removable partial dentures: Analysis of elastic properties and bond strength to denture resin. *Dental Materials Journal*, **2020**, 39, 539-546	2.5	3
160	Fracture load of 3D printed PEEK inlays compared with milled ones, direct resin composite fillings, and sound teeth. *Clinical Oral Investigations*, **2020**, 24, 3457-3466	4.2	12
159	Bond strength between a high-performance thermoplastic and a veneering resin. *Journal of Prosthetic Dentistry*, **2020**, 124, 790-797	4	6
158	Translucency, flexural strength, fracture toughness, fracture load of 3-unit FDPs, Martens hardness parameter and grain size of 3Y-TZP materials. *Dental Materials*, **2020**, 36, 838-845	5.7	4
157	Impact of high-speed sintering, layer thickness and artificial aging on the fracture load and two-body wear of zirconia crowns. *Dental Materials*, **2020**, 36, 846-853	5.7	6
156	Influence of different surface treatments on two-body wear and fracture load of monolithic CAD/CAM ceramics. *Clinical Oral Investigations*, **2020**, 24, 3049-3060	4.2	9
155	Differences in Radiopacity, Surface Properties, and Plaque Accumulation for CAD/CAM-Fabricated vs Conventionally Processed Polymer-based Temporary Materials. *Operative Dentistry*, **2020**, 45, 407-415	2.9	2
154	Comparison of various 3D printed and milled PAEK materials: Effect of printing direction and artificial aging on Martens parameters. *Dental Materials*, **2020**, 36, 197-209	5.7	11
153	Flexural strength and fracture toughness of two different lithium disilicate ceramics. *Dental Materials Journal*, **2020**, 39, 302-308	2.5	4
152	Effect of Cleaning Protocol on Bond Strength between Resin Composite Cement and Three Different CAD/CAM Materials. *Materials*, **2020**, 13,	3.5	2
151	Zahnfarbene Materialien f□ die CAD/CAM-Anwendung. *Zwr*, **2020**, 129, 42-47	0.1	
150	Flexural strength, fracture toughness, three-body wear, and Martens parameters of pressable lithium-X-silicate ceramics. *Dental Materials*, **2020**, 36, 420-430	5.7	10
149	Befestigungsm□glichkeiten von Brackets und Attachments in der Kieferorthop□die. *Informationen Aus Orthodontie Und Kieferorthopadie: Mit Beitragen Aus Der Internationalen Literatur*, **2020**, 52, 129-135	0	
148	Comparison between novel strength-gradient and color-gradient multilayered zirconia using conventional and high-speed sintering. *Journal of the Mechanical Behavior of Biomedical Materials*, **2020**, 111, 103977	4.1	11
147	Different polishing methods for zirconia: impact on surface, optical, and mechanical properties. *Clinical Oral Investigations*, **2020**, 24, 395-403	4.2	5
146	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. *Clinical Oral Investigations*, **2020**, 24, 701-710	4.2	47
145	Comparison of fracture toughness measurements for zirconia materials using two test methods. *Dental Materials Journal*, **2019**, 38, 806-812	2.5	3
144	Effect of Astringent Products on Accuracy of Polyether Impressions and Plaster Casts. *International Journal of Prosthodontics*, **2019**, 32, 281-288	1.9	

143	Impact of high-speed sintering on translucency, phase content, grain sizes, and flexural strength of 3Y-TZP and 4Y-TZP zirconia materials. *Journal of Prosthetic Dentistry*, **2019**, 122, 396-403	4	37
142	Fracture Toughness Analysis of Ceramic and Resin Composite CAD/CAM Material. *Operative Dentistry*, **2019**, 44, E190-E201	2.9	16
141	The Effect of Hemostatic Agents on the Retention Strength of Zirconia Crowns Luted to Dentin Abutments. *Materials*, **2019**, 12,	3.5	2
140	Fracture resistance and 2-body wear of 3-dimensional-printed occlusal devices. *Journal of Prosthetic Dentistry*, **2019**, 121, 166-172	4	21
139	Impact of different pretreatments and aging procedures on the flexural strength and phase structure of zirconia ceramics. *Dental Materials*, **2019**, 35, 1439-1449	5.7	10
138	Fracture load and chewing simulation of zirconia and stainless-steel crowns for primary molars. *European Journal of Oral Sciences*, **2019**, 127, 369-375	2.3	8
137	Effect of Dentin Bonding Agents, Various Resin Composites and Curing Modes on Bond Strength to Human Dentin. *Materials*, **2019**, 12,	3.5	3
136	Impact of storage media and temperature on color stability of tooth-colored CAD/CAM materials for final restorations. *Journal of Applied Biomaterials and Functional Materials*, **2019**, 17, 2280800019836832	1.8	4
135	Influence of Different Cleaning Procedures on Tensile Bond Strength Between Zirconia Abutment and Titanium Base. *International Journal of Oral and Maxillofacial Implants*, **2019**, 34, 1318-1327	2.8	3
134	Titanium Implant Characteristics After Implantoplasty: An In Vitro Study on Two Different Kinds of Instrumentation. *International Journal of Oral and Maxillofacial Implants*, **2019**, 34, 1299-1305	2.8	5
133	Zirconia and its novel compositions: What do clinicians need to know?. *Quintessence International*, **2019**, 50, 512-520	2	3
132	Different surface modifications combined with universal adhesives: the impact on the bonding properties of zirconia to composite resin cement. *Clinical Oral Investigations*, **2019**, 23, 3941-3950	4.2	18
131	Impact of Recently Developed Universal Adhesives on Tensile Bond Strength to Computer-aided Design/Manufacturing Ceramics. *Operative Dentistry*, **2019**, 44, 386-395	2.9	7
130	Nine prophylactic polishing pastes: impact on discoloration, gloss, and surface properties of a CAD/CAM resin composite. *Clinical Oral Investigations*, **2019**, 23, 327-335	4.2	9
129	Bonding to new CAD/CAM resin composites: influence of air abrasion and conditioning agents as pretreatment strategy. *Clinical Oral Investigations*, **2019**, 23, 529-538	4.2	26
128	3D-printed material for temporary restorations: impact of print layer thickness and post-curing method on degree of conversion. *International Journal of Computerized Dentistry*, **2019**, 22, 231-237	4.5	19
127	Macro- and microtopographical examination and quantification of CAD-CAM composite resin 2- and 3-body wear. *Journal of Prosthetic Dentistry*, **2018**, 120, 537-545	4	9
126	Color change of CAD-CAM materials and composite resin cements after thermocycling. *Journal of Prosthetic Dentistry*, **2018**, 120, 546-552	4	14

125	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. *Journal of Prosthodontics*, **2018**, 27, 162-168	3.9	21
124	Bonding of composite resins to PEEK: the influence of adhesive systems and air-abrasion parameters. *Clinical Oral Investigations*, **2018**, 22, 763-771	4.2	36
123	Impact of air-abrasion pressure and adhesive systems on bonding parameters for polyetheretherketone dental restorations. *International Journal of Adhesion and Adhesives*, **2018**, 80, 30-38	3.4	10
122	Accuracy of digitally fabricated trial dentures. *Journal of Prosthetic Dentistry*, **2018**, 119, 942-947	4	15
121	Effect of conditioning agents combined with two adhesive resin cements on Micro-Tensile Bond Strength to polymeric CAD/CAM materials. *International Journal of Adhesion and Adhesives*, **2018**, 85, 100-105	3.4	1
120	Zirkonoxidabutment auf Titanklebebasis – eine aktuelle Literatur-Übersicht. *Zwr*, **2018**, 127, 346-355	0.1	
119	Flexural strength, fracture toughness, and translucency of cubic/tetragonal zirconia materials. *Journal of Prosthetic Dentistry*, **2018**, 120, 948-954	4	37
118	Reliability of wear measurements of CAD-CAM restorative materials after artificial aging in a mastication simulator. *Journal of the Mechanical Behavior of Biomedical Materials*, **2018**, 86, 185-190	4.1	5
117	The effect of artificial aging on Martens hardness and indentation modulus of different dental CAD/CAM restorative materials. *Journal of the Mechanical Behavior of Biomedical Materials*, **2018**, 86, 191-198	4.1	23
116	Impact of the heating/quenching process on the mechanical, optical and thermodynamic properties of polyetheretherketone (PEEK) films. *Dental Materials*, **2017**, 33, 1436-1444	5.7	7
115	Effect of storage medium and aging duration on mechanical properties of self-adhesive resin-based cements. *Journal of Applied Biomaterials and Functional Materials*, **2017**, 15, e206-e214	1.8	3
114	Different PEEK qualities irradiated with light of different wavelengths: Impact on Martens hardness. *Dental Materials*, **2017**, 33, 968-975	5.7	2
113	Surface properties of polyetheretherketone after different laboratory and chairside polishing protocols. *Journal of Prosthetic Dentistry*, **2017**, 117, 419-425	4	15
112	Discoloration of PMMA, composite, and PEEK. *Clinical Oral Investigations*, **2017**, 21, 1191-1200	4.2	22
111	Bonding to Different PEEK Compositions: The Impact of Dental Light Curing Units. *Materials*, **2017**, 10,	3.5	9
110	The Effect of Different Storage Media on Color Stability of Self-Adhesive Composite Resin Cements for up to One Year. *Materials*, **2017**, 10,	3.5	6
109	Accuracy of Digitally Fabricated Wax Denture Bases and Conventional Completed Complete Dentures. *Dentistry Journal*, **2017**, 5,	3.1	9
108	Bonding Behaviour of Polyetherketoneketone to Methylmethacrylate- and Dimethacrylate-based Polymers. *Journal of Adhesive Dentistry*, **2017**, 19, 331-338	3	9

107	Three generations of zirconia: ?From veneered to monolithic. Part I. *Quintessence International*, **2017**, 48, 369-380	2	25
106	Three generations of zirconia: ?From veneered to monolithic. Part II. *Quintessence International*, **2017**, 48, 441-450	2	10
105	Bonding between CAD/CAM resin and resin composite cements dependent on bonding agents: three different in vitro test methods. *Clinical Oral Investigations*, **2016**, 20, 227-36	4.2	22
104	Glycine: A potential coupling agent to bond to helium plasma treated PEEK?. *Dental Materials*, **2016** , 32, 305-10	5.7	9
103	Physicomechanical characterization of polyetheretherketone and current esthetic dental CAD/CAM polymers after aging in different storage media. *Journal of Prosthetic Dentistry*, **2016**, 115, 321-8.e2	4	70
102	Marginal adaptation, fracture load and macroscopic failure mode of adhesively luted PMMA-based CAD/CAM inlays. *Dental Materials*, **2016**, 32, e22-9	5.7	8
101	Comparison of four monolithic zirconia materials with conventional ones: Contrast ratio, grain size, four-point flexural strength and two-body wear. *Journal of the Mechanical Behavior of Biomedical Materials*, **2016**, 59, 128-138	4.1	74
100	Complete denture fabrication supported by CAD/CAM. *Journal of Prosthetic Dentistry*, **2016**, 115, 541-6	4	57
99	Retention Load Values of Telescopic Crowns Made of Y-TZP and CoCr with Y-TZP Secondary Crowns: Impact of Different Taper Angles. *Materials*, **2016**, 9,	3.5	9
98	Flexural Strength of Preheated Resin Composites and Bonding Properties to Glass-Ceramic and Dentin. *Materials*, **2016**, 9,	3.5	9
97	Influence of Specimen Preparation and Test Methods on the Flexural Strength Results of Monolithic Zirconia Materials. *Materials*, **2016**, 9,	3.5	17
96	PEEK Primary Crowns with Cobalt-Chromium, Zirconia and Galvanic Secondary Crowns with Different Tapers-A Comparison of Retention Forces. *Materials*, **2016**, 9,	3.5	15
95	Spectrophotometric Evaluation of Polyetheretherketone (PEEK) as a Core Material and a Comparison with Gold Standard Core Materials. *Materials*, **2016**, 9,	3.5	7
94	Two Independent Prospectively Planned Blinded Weibull Statistical Analyses of Flexural Strength Data of Zirconia Materials. *Materials*, **2016**, 9,	3.5	3
93	Suitability of Secondary PEEK Telescopic Crowns on Zirconia Primary Crowns: The Influence of Fabrication Method and Taper. *Materials*, **2016**, 9,	3.5	17
92	Effect of different cleaning methods of polyetheretherketone on surface roughness and surface free energy properties. *Journal of Applied Biomaterials and Functional Materials*, **2016**, 14, e248-55	1.8	7
91	Retention force of differently fabricated telescopic PEEK crowns with different tapers. *Dental Materials Journal*, **2016**, 35, 594-600	2.5	19
90	Two-body wear rate of PEEK, CAD/CAM resin composite and PMMA: Effect of specimen geometries, antagonist materials and test set-up configuration. *Dental Materials*, **2016**, 32, e127-36	5.7	53

89	Fracture load and failure types of different veneered polyetheretherketone fixed dental prostheses. *Clinical Oral Investigations*, **2016**, 20, 2493-2500	4.2	26
88	Evaluation of modern bioactive restoratives for bulk-fill placement. *Journal of Dentistry*, **2016**, 49, 46-53	4.8	16
87	Blue-Light Transmittance of Esthetic Monolithic CAD/CAM Materials With Respect to Their Composition, Thickness, and Curing Conditions. *Operative Dentistry*, **2016**, 41, 531-540	2.9	17
86	Glass Fiber Post/Composite Core Systems Bonded to Human Dentin: Analysis of Tensile Load vs Calculated Tensile Strength of Various Systems Using Pull-out Tests. *Journal of Adhesive Dentistry*, **2016**, 18, 247-56	3	2
85	Translucency of esthetic dental restorative CAD/CAM materials and composite resins with respect to thickness and surface roughness. *Journal of Prosthetic Dentistry*, **2015**, 113, 534-40	4	125
84	Effect of different surface pretreatments and adhesives on the load-bearing capacity of veneered 3-unit PEEK FDPs. *Journal of Prosthetic Dentistry*, **2015**, 114, 666-73	4	41
83	Efficiency of different repair kits on bonding to aged dental resin composite substrates. *International Journal of Adhesion and Adhesives*, **2015**, 58, 7-12	3.4	6
82	The effect of different pretreatment methods of PMMA-based crowns on the long-term tensile bond strength to dentin abutments. *Clinical Oral Investigations*, **2015**, 19, 35-43	4.2	11
81	Tensile bond strength of resin composite repair in vitro using different surface preparation conditionings to an aged CAD/CAM resin nanoceramic. *Clinical Oral Investigations*, **2015**, 19, 299-308	4.2	55
80	Evaluation of mechanical and optical behavior of current esthetic dental restorative CAD/CAM composites. *Journal of the Mechanical Behavior of Biomedical Materials*, **2015**, 55, 1-11	4.1	120
79	Three-unit reinforced polyetheretherketone composite FDPs: influence of fabrication method on load-bearing capacity and failure types. *Dental Materials Journal*, **2015**, 34, 7-12	2.5	76
78	In vitro fatigue and fracture resistance of one- and two-piece CAD/CAM zirconia implant abutments. *International Journal of Oral and Maxillofacial Implants*, **2015**, 30, 546-54	2.8	57
77	Impact of surface treatment of different reinforced glass-ceramic anterior crowns on load bearing capacity. *Dental Materials Journal*, **2015**, 34, 595-604	2.5	7
76	Retention Strength of PMMA/UDMA-Based Crowns Bonded to Dentin: Impact of Different Coupling Agents for Pretreatment. *Materials*, **2015**, 8, 7486-7497	3.5	3
75	Quantification of the amount of blue light passing through monolithic zirconia with respect to thickness and polymerization conditions. *Journal of Prosthetic Dentistry*, **2015**, 113, 114-21	4	52
74	Repairability of CAD/CAM high-density PMMA- and composite-based polymers. *Clinical Oral Investigations*, **2015**, 19, 2007-13	4.2	45
73	Two regression methods for estimation of a two-parameter Weibull distribution for reliability of dental materials. *Dental Materials*, **2015**, 31, e33-50	5.7	42
72	Fracture resistance of endodontically treated teeth without ferrule using a novel H-shaped short post. *Quintessence International*, **2015**, 46, 97-108	2	2

71	Long-term tensile bond strength of differently cemented nanocomposite CAD/CAM crowns on dentin abutment. *Dental Materials*, **2014**, 30, 334-42	5.7	10
70	Impact of different adhesives on work of adhesion between CAD/CAM polymers and resin composite cements. *Journal of Dentistry*, **2014**, 42, 1105-14	4.8	25
69	The effect of surface modification on the retention strength of polyetheretherketone crowns adhesively bonded to dentin abutments. *Journal of Prosthetic Dentistry*, **2014**, 112, 1489-97	4	61
68	Bending moments of zirconia and titanium implant abutments supporting all-ceramic crowns after aging. *Clinical Oral Implants Research*, **2014**, 25, 74-81	4.8	43
67	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. *International Journal of Adhesion and Adhesives*, **2014**, 54, 184-190	3.4	17
66	PEEK surface treatment effects on tensile bond strength to veneering resins. *Journal of Prosthetic Dentistry*, **2014**, 112, 1278-88	4	79
65	Zirconia ceramics, their contrast ratio and grain size depending on sintering parameters. *Dental Materials Journal*, **2014**, 33, 591-8	2.5	43
64	Influence of abutment model materials on the fracture loads of three-unit fixed dental prostheses. *Dental Materials Journal*, **2014**, 33, 717-24	2.5	10
63	Effects of differing thickness and mechanical properties of cement on the stress levels and distributions in a three-unit zirconia fixed prosthesis by FEA. *Journal of Prosthodontics*, **2014**, 23, 358-66	3.9	10
62	Quantification of the amount of light passing through zirconia: the effect of material shade, thickness, and curing conditions. *Journal of Dentistry*, **2014**, 42, 684-90	4.8	34
61	Fit of 4-unit FDPs made of zirconia and CoCr-alloy after chairside and labside digitalization--a laboratory study. *Dental Materials*, **2014**, 30, 400-7	5.7	73
60	Influence of plasma pretreatment on shear bond strength of self-adhesive resin cements to polyetheretherketone. *Clinical Oral Investigations*, **2014**, 18, 163-70	4.2	58
59	Influence of PEEK surface modification on surface properties and bond strength to veneering resin composites. *Journal of Adhesive Dentistry*, **2014**, 16, 383-92	3	33
58	Effect of sulfuric acid etching of polyetheretherketone on the shear bond strength to resin cements. *Journal of Adhesive Dentistry*, **2014**, 16, 465-72	3	24
57	A novel CAD/CAM base metal compared to conventional CoCrMo alloys: an in-vitro study of the long-term metal-ceramic bond strength. *Oral Health and Dental Management*, **2014**, 13, 446-52	0	23
56	The effect of zirconia sintering temperature on flexural strength, grain size, and contrast ratio. *Clinical Oral Investigations*, **2013**, 17, 269-74	4.2	153
55	Two-body wear of monolithic, veneered and glazed zirconia and their corresponding enamel antagonists. *Acta Odontologica Scandinavica*, **2013**, 71, 102-12	2.2	107
54	Influence of dentin and enamel pretreatment with acidic sulfur compounds on adhesive performance. *Clinical Oral Investigations*, **2013**, 17, 1885-92	4.2	1

53	Influence of caries infiltrant contamination on shear bond strength of different adhesives to dentin. *Clinical Oral Investigations*, **2013**, 17, 643-8	4.2	3
52	Two-body wear rate of CAD/CAM resin blocks and their enamel antagonists. *Journal of Prosthetic Dentistry*, **2013**, 109, 325-32	4	68
51	Tensile bond strength of PMMA- and composite-based CAD/CAM materials to luting cements after different conditioning methods. *International Journal of Adhesion and Adhesives*, **2013**, 46, 122-127	3.4	15
50	Load-bearing capacity of soldered and subsequently veneered 4-unit zirconia FDPs. *Journal of the Mechanical Behavior of Biomedical Materials*, **2013**, 23, 1-7	4.1	2
49	Adhesion of veneering resins to polymethylmethacrylate-based CAD/CAM polymers after various surface conditioning methods. *Acta Odontologica Scandinavica*, **2013**, 71, 1142-8	2.2	24
48	Fracture load of milled polymeric fixed dental prostheses as a function of connector cross-sectional areas. *Journal of Prosthetic Dentistry*, **2013**, 110, 288-95	4	15
47	Impact of plasma treatment of PMMA-based CAD/CAM blanks on surface properties as well as on adhesion to self-adhesive resin composite cements. *Dental Materials*, **2013**, 29, 935-44	5.7	20
46	Wear characteristics of current aesthetic dental restorative CAD/CAM materials: two-body wear, gloss retention, roughness and Martens hardness. *Journal of the Mechanical Behavior of Biomedical Materials*, **2013**, 20, 113-25	4.1	169
45	Shear bond strength of orthodontic resins after caries infiltrant preconditioning. *Angle Orthodontist*, **2013**, 83, 306-12	2.6	22
44	The effect of ceramic primer on shear bond strength of resin composite cement to zirconia: a function of water storage and thermal cycling. *Journal of the American Dental Association*, **2013**, 144, 1261-71	1.9	23
43	Polyetheretherketone-a suitable material for fixed dental prostheses?. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2013**, 101, 1209-16	3.5	134
42	Influence of residual bone thickness on primary stability of hybrid self-tapping and cylindric non-self-tapping implants in vitro. *International Journal of Oral and Maxillofacial Implants*, **2013**, 28, 84-8	2.8	9
41	Effect of different adhesives combined with two resin composite cements on shear bond strength to polymeric CAD/CAM materials. *Dental Materials Journal*, **2013**, 32, 492-501	2.5	59
40	Tensile bond strength of veneering resins to PEEK: impact of different adhesives. *Dental Materials Journal*, **2013**, 32, 441-8	2.5	71
39	Influence of cementation and cement type on the fracture load testing methodology of anterior crowns made of different materials. *Dental Materials Journal*, **2013**, 32, 888-95	2.5	26
38	Influence of silanes on the shear bond strength of resin cements to zirconia. *Quintessence International*, **2013**, 44, 591-600	2	
37	Repair of silorane composite--using the same substrate or a methacrylate-based composite?. *Dental Materials*, **2012**, 28, e19-25	5.7	31
36	The fracture load and failure types of veneered anterior zirconia crowns: an analysis of normal and Weibull distribution of complete and censored data. *Dental Materials*, **2012**, 28, 478-87	5.7	22

35	Evaluation of bond strength of resin cements using different general-purpose statistical software packages for two-parameter Weibull statistics. *Dental Materials*, **2012**, 28, e76-88	5.7	16
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