

Markus B Blatz

List of Publications by Citations

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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.

31
papers

1,746
citations

17
h-index

32
g-index

32
ext. papers

2,024
ext. citations

3.5
avg, IF

4.73
L-index

#	Paper	IF	Citations
31	Resin-ceramic bonding: a review of the literature. <i>Journal of Prosthetic Dentistry</i> , 2003 , 89, 268-74	4	596
30	In vitro evaluation of shear bond strengths of resin to densely-sintered high-purity zirconium-oxide ceramic after long-term storage and thermal cycling. <i>Journal of Prosthetic Dentistry</i> , 2004 , 91, 356-62	4	226
29	Current status of zirconia-based fixed restorations. <i>Journal of Oral Science</i> , 2010 , 52, 531-9	1.5	104
28	A comparison of bond strength of layered veneering porcelains to zirconia and metal. <i>Journal of Prosthetic Dentistry</i> , 2010 , 104, 247-57	4	95
27	In vitro comparative bond strength of contemporary self-adhesive resin cements to zirconium oxide ceramic with and without air-particle abrasion. <i>Clinical Oral Investigations</i> , 2010 , 14, 187-92	4.2	90
26	Resin bond to indirect composite and new ceramic/polymer materials: a review of the literature. <i>Journal of Esthetic and Restorative Dentistry</i> , 2014 , 26, 382-93	3.5	86
25	In vitro evaluation of long-term bonding of Procera AllCeram alumina restorations with a modified resin luting agent. <i>Journal of Prosthetic Dentistry</i> , 2003 , 89, 381-7	4	60
24	The Current State of Chairside Digital Dentistry and Materials. <i>Dental Clinics of North America</i> , 2019 , 63, 175-197	3.3	55
23	Precision of fit of implant-supported screw-retained 10-unit computer-aided-designed and computer-aided-manufactured frameworks made from zirconium dioxide and titanium: an in vitro study. <i>Clinical Oral Implants Research</i> , 2014 , 25, 165-74	4.8	53
22	Influence of surface treatment and simulated aging on bond strengths of luting agents to zirconia. <i>Quintessence International</i> , 2007 , 38, 745-53	2	44
21	Influence of contamination and cleaning on bond strength to modified zirconia. <i>Dental Materials</i> , 2009 , 25, 1541-50	5.7	42
20	Clinical performance of anterior resin-bonded fixed dental prostheses with different framework designs: A systematic review and meta-analysis. <i>Journal of Dentistry</i> , 2016 , 47, 1-7	4.8	41
19	Effect of thickness and surface modifications on flexural strength of monolithic zirconia. <i>Journal of Prosthetic Dentistry</i> , 2018 , 119, 987-993	4	35
18	CAD/CAM fabrication accuracy of long- vs. short-span implant-supported FDPs. <i>Clinical Oral Implants Research</i> , 2015 , 26, 245-9	4.8	25
17	In vitro precision of fit of computer-aided design and computer-aided manufacturing titanium and zirconium dioxide bars. <i>Dental Materials</i> , 2013 , 29, 945-53	5.7	25
16	In vitro durability of the resin bond to feldspathic ceramics. <i>American Journal of Dentistry</i> , 2004 , 17, 169-73		23
15	In vitro precision of fit of computer-aided designed and computer-aided manufactured titanium screw-retained fixed dental prostheses before and after ceramic veneering. <i>Clinical Oral Implants Research</i> , 2015 , 26, 44-9	4.8	17

14	Fracture resistance of single-tooth implant-supported zirconia-based indirect composite-layered molar restorations. <i>Clinical Oral Implants Research</i> , 2014 , 25, 983-91	4.8	16
13	Durability of bond between an indirect composite veneering material and zirconium dioxide ceramics. <i>Acta Odontologica Scandinavica</i> , 2013 , 71, 457-63	2.2	14
12	Fracture resistance of implant-supported screw-retained zirconia-based molar restorations. <i>Clinical Oral Implants Research</i> , 2017 , 28, 1119-1126	4.8	14
11	Effects of framework design and layering material on fracture strength of implant-supported zirconia-based molar crowns. <i>Clinical Oral Implants Research</i> , 2015 , 26, 1407-13	4.8	14
10	The effect of different surface treatments on the bond strength of a gingiva-colored indirect composite veneering material to three implant framework materials. <i>Clinical Oral Implants Research</i> , 2013 , 24, 977-84	4.8	12
9	Adhesive cementation of high-strength ceramics. <i>Journal of Esthetic and Restorative Dentistry</i> , 2007 , 19, 238-9	3.5	11
8	Shear bond strength between an indirect composite layering material and feldspathic porcelain-coated zirconia ceramics. <i>Clinical Oral Investigations</i> , 2012 , 16, 1401-11	4.2	10
7	In vitro shear bond strength of dual-curing resin cements to two different high-strength ceramic materials with different surface texture. <i>Acta Odontologica Scandinavica</i> , 2009 , 67, 346-54	2.2	8
6	Critical appraisal. Resin bond to dental ceramics, Part II: high-strength ceramics. <i>Journal of Esthetic and Restorative Dentistry</i> , 2004 , 16, 324-8	3.5	8
5	Influence of cementation technique on fracture strength and leakage of alumina all-ceramic crowns after cyclic loading. <i>Quintessence International</i> , 2008 , 39, 23-32	2	8
4	Effect of surface treatment and cleaning on the bond strength to polymer-infiltrated ceramic network CAD-CAM material. <i>Journal of Prosthetic Dentistry</i> , 2021 , 126, 698-702	4	7
3	An in vitro evaluation of fracture load of implant-supported zirconia-based prostheses fabricated with different veneer materials. <i>Clinical Oral Implants Research</i> , 2018 , 29, 396-403	4.8	4
2	The resin bond to high-translucent zirconia-A systematic review.. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022 ,	3.5	1
1	Effect of different ceramic primers on shear bond strength of resin-modified glass ionomer cement to zirconia. <i>Journal of Adhesion Science and Technology</i> , 2016 , 30, 2429-2438	2	1