

Markus B Blatz

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,339
citations

361296

20
h-index

414303

32
g-index

32
all docs

32
docs citations

32
times ranked

1705
citing authors

#	ARTICLE	IF	CITATIONS
1	Resin-ceramic bonding: A review of the literature. <i>Journal of Prosthetic Dentistry</i> , 2003, 89, 268-274.	1.1	786
2	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, 356-362.	1.1	281
3	Current status of zirconia-based fixed restorations. <i>Journal of Oral Science</i> , 2010, 52, 531-539.	0.7	131
4	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, 382-393.	1.8	129
5	The Current State of Chairside Digital Dentistry and Materials. <i>Dental Clinics of North America</i> , 2019, 63, 175-197.	0.8	122
6	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, 187-192.	1.4	113
7	A comparison of bond strength of layered veneering porcelains to zirconia and metal. <i>Journal of Prosthetic Dentistry</i> , 2010, 104, 247-257.	1.1	111
8	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, 381-387.	1.1	75
9	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, 165-174.	1.9	73
10	Influence of contamination and cleaning on bond strength to modified zirconia. <i>Dental Materials</i> , 2009, 25, 1541-1550.	1.6	63
11	Effect of thickness and surface modifications on flexural strength of monolithic zirconia. <i>Journal of Prosthetic Dentistry</i> , 2018, 119, 987-993.	1.1	52
12	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.	1.7	50
13	Influence of surface treatment and simulated aging on bond strengths of luting agents to zirconia. <i>Quintessence International</i> , 2007, 38, 745-53.	0.3	47
14	In vitro precision of fit of computer-aided design and computer-aided manufacturing titanium and zirconium dioxide bars. <i>Dental Materials</i> , 2013, 29, 945-953.	1.6	29
15	CAD/CAM fabrication accuracy of long vs. short span implant-supported FDPs. <i>Clinical Oral Implants Research</i> , 2015, 26, 245-249.	1.9	28
16	Fracture resistance of implant-supported screw-retained zirconia-based molar restorations. <i>Clinical Oral Implants Research</i> , 2017, 28, 1119-1126.	1.9	27
17	The resin bond to high-translucent zirconia: A systematic review. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, 34, 117-135.	1.8	24
18	In vitro durability of the resin bond to feldspathic ceramics. <i>American Journal of Dentistry</i> , 2004, 17, 169-72.	0.1	24

#	ARTICLE	IF	CITATIONS
19	Fracture resistance of single-tooth implant-supported zirconia-based indirect composite-layered molar restorations. <i>Clinical Oral Implants Research</i> , 2014, 25, 983-991.	1.9	21
20	Durability of bond between an indirect composite veneering material and zirconium dioxide ceramics. <i>Acta Odontologica Scandinavica</i> , 2013, 71, 457-463.	0.9	20
21	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, 977-984.	1.9	19
22	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, 1407-1413.	1.9	19
23	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, 44-49.	1.9	18
24	Shear bond strength between an indirect composite layering material and feldspathic porcelain-coated zirconia ceramics. <i>Clinical Oral Investigations</i> , 2012, 16, 1401-1411.	1.4	16
25	RESIN BOND TO DENTAL CERAMICS, PART II: HIGH-STRENGTH CERAMICS. <i>Journal of Esthetic and Restorative Dentistry</i> , 2004, 16, 324-324.	1.8	11
26	ADHESIVE CEMENTATION OF HIGH-STRENGTH CERAMICS. <i>Journal of Esthetic and Restorative Dentistry</i> , 2007, 19, 238-239.	1.8	11
27	<i>In vitro</i> 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, 346-354.	0.9	11
28	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.	1.1	10
29	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.	0.3	8
30	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.	1.4	4
31	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.	1.9	4
32	Prospective 5-year clinical evaluation of posterior zirconia fixed dental prostheses veneered with milled lithium disilicate (CADon). <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, , .	1.8	2