

Jukka P Matinlinna

List of Publications by Year in descending order

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54
papers

2,551
citations

201674

27
h-index

189892

50
g-index

54
all docs

54
docs citations

54
times ranked

1950
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Printingâ€™ A Way Forward. , 2022, , 75-96.		1
2	A simple solution to recycle and reuse dental CAD/CAM zirconia block from its waste residuals. Journal of Prosthodontic Research, 2021, 65, 311-320.	2.8	8
3	An introduction of biological performance of zirconia with different surface characteristics: A review. Dental Materials Journal, 2020, 39, 523-530.	1.8	16
4	Prolonged UV-C Irradiation is a Double-Edged Sword on the Zirconia Surface. ACS Omega, 2020, 5, 5126-5133.	3.5	10
5	Candida albicans aspects of binary titanium alloys for biomedical applications. International Journal of Energy Production and Management, 2020, 7, 213-220.	3.7	13
6	<p>Evaluation Of The Effect Of Different Surface Treatments, Aging And Enzymatic Degradation On Zirconia-Resin Micro-Shear Bond Strength</p>. Clinical, Cosmetic and Investigational Dentistry, 2020, Volume 12, 1-8.	1.6	14
7	<p>Effect of different combinations of surface treatment on adhesion of resin composite to zirconia</p>. Clinical, Cosmetic and Investigational Dentistry, 2019, Volume 11, 119-129.	1.6	12
8	Dental implants materials and surface treatments. , 2019, , 581-598.		6
9	Silver deposition on demineralized dentine surface dosed by silver diammine fluoride with different saliva. Journal of Investigative and Clinical Dentistry, 2019, 10, e12382.	1.8	3
10	Two-step vs. one-step conditioning systems and adhesive interface of glass ceramic surface and resin systems. Journal of Adhesion Science and Technology, 2018, 32, 1952-1963.	2.6	3
11	Effects of different sterilization methods on surface characteristics and biofilm formation on zirconia in vitro. Dental Materials, 2018, 34, 272-281.	3.5	39
12	Influence of Grit-Blasting and Hydrofluoric Acid Etching Treatment on Surface Characteristics and Biofilm Formation on Zirconia. Coatings, 2017, 7, 130.	2.6	23
13	The Effect of Hydrofluoric Acid Etching Duration on the Surface Micromorphology, Roughness, and Wettability of Dental Ceramics. International Journal of Molecular Sciences, 2016, 17, 822.	4.1	109
14	<sc>EPA</sc>â€™coated titanium implants promote osteoconduction in white <sc>N</sc>ew <sc>Z</sc>ealand rabbits. Clinical Oral Implants Research, 2016, 27, 303-309.	4.5	4
15	Effects of silver diammine fluoride on microtensile bond strength of GIC to dentine. International Journal of Adhesion and Adhesives, 2016, 70, 196-203.	2.9	21
16	Fracture behavior of pontics of fiber-reinforced composite fixed dental prostheses. Dental Materials Journal, 2015, 34, 746-753.	1.8	8
17	Comparison of mechanical properties of three machinable ceramics with an experimental fluorophlogopite glass ceramic. Journal of Prosthetic Dentistry, 2015, 114, 440-446.	2.8	76
18	Surface modification of titanium with thermally treated polydimethylsiloxane coating and the effect on resin to titanium adhesion. Surface and Interface Analysis, 2015, 47, 105-112.	1.8	16

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19	Effects of sandblasting distance and angles on resin cement bonding to zirconia and titanium. <i>International Journal of Adhesion and Adhesives</i> , 2015, 62, 25-31.	2.9	50
20	Penetration depth of monomer systems into acrylic resin denture teeth used as pontics. <i>Journal of Prosthetic Dentistry</i> , 2015, 113, 480-487.	2.8	14
21	Effect of experimental silane-based primers with various contents of 2-hydroxyethyl methacrylate on the bond strength of orthodontic adhesives. <i>Journal of Investigative and Clinical Dentistry</i> , 2015, 6, 161-169.	1.8	2
22	Evaluation of four surface coating treatments for resin to zirconia bonding. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 32, 300-309.	3.1	46
23	The influence of experimental silane primers on dentin bond strength and morphology: A laboratory and finite element analysis study. <i>Journal of Prosthetic Dentistry</i> , 2014, 112, 1498-1506.	2.8	5
24	Aspects of bonding between resin luting cements and glass ceramic materials. <i>Dental Materials</i> , 2014, 30, e147-e162.	3.5	215
25	Monomer priming of denture teeth and its effects on the bond strength of composite resin. <i>Journal of Prosthetic Dentistry</i> , 2014, 112, 257-266.	2.8	15
26	Characterization of novel silane coatings on titanium implant surfaces. <i>Clinical Oral Implants Research</i> , 2013, 24, 688-697.	4.5	51
27	Bonding promotion of resin composite to silica-coated zirconia implant surface using a novel silane system. <i>Clinical Oral Implants Research</i> , 2013, 24, 290-296.	4.5	35
28	A new modified laser pretreatment for porcelain zirconia bonding. <i>Dental Materials</i> , 2013, 29, 559-565.	3.5	98
29	Biocompatibility of various dental materials in contemporary dentistry: a narrative insight. <i>Journal of Investigative and Clinical Dentistry</i> , 2013, 4, 9-19.	1.8	76
30	Bond strength of a dental leucite-based glass ceramic to a resin cement using different silane coupling agents. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 17, 327-332.	3.1	27
31	Finite element analysis to compare stress distribution of gold alloy, lithium-disilicate reinforced glass ceramic and zirconia based fixed partial denture. <i>Journal of Investigative and Clinical Dentistry</i> , 2012, 3, 291-297.	1.8	13
32	Insights into Porcelain to Zirconia Bonding. <i>Journal of Adhesion Science and Technology</i> , 2012, 26, 1249-1265.	2.6	48
33	Resin zirconia bonding promotion with some novel coupling agents. <i>Dental Materials</i> , 2012, 28, 863-872.	3.5	52
34	Combined Novel Bonding Method of Resin to Zirconia Ceramic in Dentistry: A Pilot Study. <i>Journal of Adhesion Science and Technology</i> , 2011, 25, 1049-1060.	2.6	11
35	Enhanced resin-composite bonding to zirconia framework after pretreatment with selected silane monomers. <i>Dental Materials</i> , 2011, 27, 273-280.	3.5	64
36	Effects of Different Silane Coupling Agent Monomers on Flexural Strength of an Experimental Filled Resin Composite. <i>Journal of Adhesion Science and Technology</i> , 2011, 25, 179-192.	2.6	21

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37	Experimental Novel Silane System in Adhesion Promotion between Dental Resin and Pretreated Titanium. Part II: Effect of Long-Term Water Storage. <i>Silicon</i> , 2010, 2, 79-85.	3.3	30
38	Promotion of Adhesion Between Resin and Silica-coated Titanium by Silane Monomers and Formic Acid Catalyst. <i>Silicon</i> , 2010, 2, 87-93.	3.3	10
39	Resin Bonding to Silicatized Zirconia with Two Isocyanatosilanes and a Cross-linking Silane. Part II: Mechanistic Approach. <i>Silicon</i> , 2010, 2, 163-169.	3.3	10
40	Resin Bonding to Silicatized Zirconia with Two Isocyanatosilanes and a Cross-linking Silane. Part I: Experimental. <i>Silicon</i> , 2010, 2, 153-161.	3.3	25
41	Innovations in bonding to zirconia-based materials. Part II: Focusing on chemical interactions. <i>Dental Materials</i> , 2009, 25, 989-993.	3.5	102
42	Dental Zirconia Adhesion with Silicon Compounds Using Some Experimental and Conventional Surface Conditioning Methods. <i>Silicon</i> , 2009, 1, 199-202.	3.3	21
43	Experimental Novel Silane System in Adhesion Promotion Between Dental Resin and Pretreated Titanium. <i>Silicon</i> , 2009, 1, 249-254.	3.3	31
44	Thermocycling Effects on Resin Bond to Silicatized and Silanized Zirconia. <i>Journal of Adhesion Science and Technology</i> , 2009, 23, 1043-1051.	2.6	29
45	Innovations in bonding to zirconia-based materials: Part I. <i>Dental Materials</i> , 2008, 24, 1268-1272.	3.5	164
46	Pilot evaluation of resin composite cement adhesion to zirconia using a novel silane system. <i>Acta Odontologica Scandinavica</i> , 2007, 65, 44-51.	1.6	76
47	Effect of operating air pressure on tribochemical silica-coating. <i>Acta Odontologica Scandinavica</i> , 2007, 65, 241-248.	1.6	86
48	The effect of five silane coupling agents on the bond strength of a luting cement to a silica-coated titanium. <i>Dental Materials</i> , 2007, 23, 1173-1180.	3.5	104
49	Silane Based Concepts on Bonding Resin Composite to Metals. <i>Journal of Contemporary Dental Practice</i> , 2007, 8, 1-8.	0.5	54
50	Evaluation of resin adhesion to zirconia ceramic using some organosilanes. <i>Dental Materials</i> , 2006, 22, 824-831.	3.5	178
51	Shear bond strength of Bis-GMA resin and methacrylated dendrimer resins on silanized titanium substrate. <i>Dental Materials</i> , 2005, 21, 287-296.	3.5	38
52	Effect of drying time of 3-methacryloxypropyltrimethoxysilane on the shear bond strength of a composite resin to silica-coated base/noble alloys. <i>Dental Materials</i> , 2004, 20, 586-590.	3.5	42
53	The effect of a 3-methacryloxypropyltrimethoxysilane and vinyltriisopropoxysilane blend and tris(3-trimethoxysilylpropyl)isocyanurate on the shear bond strength of composite resin to titanium metal. <i>Dental Materials</i> , 2004, 20, 804-813.	3.5	97
54	An introduction to silanes and their clinical applications in dentistry. <i>International Journal of Prosthodontics</i> , 2004, 17, 155-64.	1.7	229