Matthias Kern

List of Publications by Year in descending order

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275 papers	12,565 citations	23567 58 h-index	34986 98 g-index
279 all docs	279 docs citations	279 times ranked	5620 citing authors

#	Article	IF	Citations
1	Resin-ceramic bonding: A review of the literature. Journal of Prosthetic Dentistry, 2003, 89, 268-274.	2.8	786
2	Bonding to zirconia ceramic: adhesion methods and their durability. Dental Materials, 1998, 14, 64-71.	3.5	651
3	Durability of the resin bond strength to zirconia ceramic after using different surface conditioning methods. Dental Materials, 2007, 23, 45-50.	3.5	380
4	Surface Conditioning Influences Zirconia Ceramic Bonding. Journal of Dental Research, 2009, 88, 817-822.	5.2	248
5	Bonding to glass infiltrated alumina ceramic: Adhesive methods and their durability. Journal of Prosthetic Dentistry, 1995, 73, 240-249.	2.8	240
6	Sandblasting and silica coating of a glass-infiltrated alumina ceramic: Volume loss, morphology, and changes in the surface composition. Journal of Prosthetic Dentistry, 1994, 71, 453-461.	2.8	218
7	Influence of air-abrasion on zirconia ceramic bonding using an adhesive composite resin. Dental Materials, 2010, 26, 44-50.	3.5	215
8	Bonding to oxide ceramicsâ€"Laboratory testing versus clinical outcome. Dental Materials, 2015, 31, 8-14.	3.5	196
9	Wear of composite resin veneering materials in a dual-axis chewing simulator. Journal of Oral Rehabilitation, 1999, 26, 372-378.	3.0	188
10	Marginal and internal fit of metal-ceramic crowns fabricated with a new laser melting technology. Dental Materials, 2008, 24, 1311-1315.	3.5	181
11	Retentive forces and fatigue resistance of thermoplastic resin clasps. Dental Materials, 2012, 28, 273-278.	3.5	167
12	Effect of surface treatment on retention of glass-fiber endodontic posts. Journal of Prosthetic Dentistry, 2006, 95, 218-223.	2.8	154
13	Ten-year outcome of three-unit fixed dental prostheses made from monolithic lithium disilicate ceramic. Journal of the American Dental Association, 2012, 143, 234-240.	1.5	148
14	Fracture load of composite resin and feldspathic all-ceramic CAD/CAM crowns. Journal of Prosthetic Dentistry, 2006, 95, 117-123.	2.8	142
15	Effect of changes in sintering parameters on monolithic translucent zirconia. Dental Materials, 2014, 30, e419-e424.	3.5	142
16	Implantâ€"abutment interface design affects fatigue and fracture strength of implants. Clinical Oral Implants Research, 2008, 19, 1276-1284.	4.5	135
17	Sandblasting and silica-coating of dental alloys: volume loss, morphology and changes in the surface composition. Dental Materials, 1993, 9, 155-161.	3.5	134
18	Resin bonding to three types of polyaryletherketones (PAEKs)â€"Durability and influence of surface conditioning. Dental Materials, 2014, 30, 357-363.	3.5	120

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19	Panavia F 2.0 bonding to contaminated zirconia ceramic after different cleaning procedures. Dental Materials, 2007, 23, 506-512.	3.5	119
20	Influence of surface conditioning on bonding to polyetheretherketon (PEEK). Dental Materials, 2012, 28, 1280-1283.	3.5	119
21	Effects of sandblasting and silica-coating procedures on pure titanium. Journal of Dentistry, 1994, 22, 300-306.	4.1	117
22	Influence of saliva contamination on zirconia ceramic bonding. Dental Materials, 2008, 24, 508-513.	3.5	117
23	Influence of cyclic loading and luting agents on the fracture load of two all-ceramic crown systems. Journal of Prosthetic Dentistry, 2004, 92, 551-556.	2.8	114
24	Resin Bonding to Oxide Ceramics for Dental Restorations. Journal of Adhesion Science and Technology, 2009, 23, 1097-1111.	2.6	111
25	Ten-year outcome of zirconia ceramic cantilever resin-bonded fixed dental prostheses and the influence of the reasons for missing incisors. Journal of Dentistry, 2017, 65, 51-55.	4.1	111
26	Two-body wear of different ceramic materials opposed to zirconia ceramic. Journal of Prosthetic Dentistry, 2010, 104, 105-113.	2.8	106
27	Effect of microstructure on the mechanical properties of lithium disilicate glass-ceramics. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 82, 355-370.	3.1	106
28	Molecular leakage at implant-abutment connectionâ€"in vitro investigation of tightness of internal conical implant-abutment connections against endotoxin penetration. Clinical Oral Investigations, 2010, 14, 427-432.	3.0	105
29	In vitro evaluation of a mechanical testing chewing simulator. Dental Materials, 2009, 25, 494-499.	3.5	104
30	Clinical evaluation of removable partial dentures 10 years after insertion: success rates, hygienic problems, and technical failures. Clinical Oral Investigations, 2000, 4, 74-80.	3.0	101
31	Influence of surface conditioning and cleaning methods on resin bonding to zirconia ceramic. Dental Materials, 2011, 27, 207-213.	3.5	100
32	Assessment of dental appearance following changes in incisor proportions. European Journal of Oral Sciences, 2005, 113, 159-165.	1.5	99
33	The influence of antagonistic surface roughness on the wear of human enamel and nanofilled composite resin artificial teeth. Journal of Prosthetic Dentistry, 2009, 101, 342-349.	2.8	99
34	Influence of restoration thickness and dental bonding surface on the fracture resistance of full-coverage occlusal veneers made from lithium disilicate ceramic. Dental Materials, 2015, 31, 907-915.	3.5	98
35	Two-body wear of resin and ceramic denture teeth in comparison to human enamel. Dental Materials, 2008, 24, 502-507.	3.5	97
36	Clinical outcome of three-unit lithium-disilicate glassâ€"ceramic fixed dental prostheses: Up to 8 years results. Dental Materials, 2009, 25, e63-e71.	3.5	94

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37	The Role of Hostâ€derived Dentinal Matrix Metalloproteinases in Reducing Dentin Bonding of Resin Adhesives. International Journal of Oral Science, 2009, 1, 163-176.	8.6	93
38	Immediate Provisionalization of Dental Implants Placed in Healed Alveolar Ridges and Extraction Sockets: A 5-year Prospective Evaluation. International Journal of Oral and Maxillofacial Implants, 2014, 29, 709-717.	1.4	91
39	Survival of anterior cantilevered all-ceramic resin-bonded fixed dental prostheses made from zirconia ceramic. Journal of Dentistry, 2014, 42, 660-663.	4.1	86
40	Durability of the resin bond strength to the alumina ceramic Procera. Dental Materials, 2004, 20, 498-508.	3.5	85
41	Influence of Contamination on Zirconia Ceramic Bonding. Journal of Dental Research, 2007, 86, 749-753.	5.2	84
42	Effect of air-abrasion on the retention of zirconia ceramic crowns luted with different cements before and after artificial aging. Dental Materials, 2010, 26, 922-928.	3.5	82
43	Effect of structural change of collagen fibrils on the durability of dentin bonding. Biomaterials, 2005, 26, 5021-5031.	11.4	80
44	Influence of glass-fiber posts on the fracture resistance and failure pattern of endodontically treated premolars with varying substance loss: An in vitro study. Journal of Prosthetic Dentistry, 2011, 105, 387-393.	2.8	79
45	Dynamic fatigue and fracture resistance of non-retentive all-ceramic full-coverage molar restorations. Influence of ceramic material and preparation design. Dental Materials, 2010, 26, 533-538.	3.5	78
46	Three-year clinical outcome of single implant-retained mandibular overdenturesâ€"Results of preliminary prospective study. Journal of Dentistry, 2011, 39, 656-661.	4.1	73
47	Effect of surface modifications on the bond strength of zirconia ceramic with resin cement resin. Dental Materials, 2016, 32, 631-639.	3.5	71
48	Resistance to fracture and structural characteristics of different fiber reinforced post systems. Dental Materials, 2007, 23, 265-271.	3.5	69
49	Long-term resin bonding to zirconia ceramic with a new universal primer. Journal of Prosthetic Dentistry, 2011, 106, 319-327.	2.8	69
50	Fracture strength of all-ceramic crowns luted using two bonding methods. Journal of Prosthetic Dentistry, 2004, 91, 247-252.	2.8	68
51	Does endodontic post space irrigation affect smear layer removal and bonding effectiveness?. European Journal of Oral Sciences, 2009, 117, 597-603.	1.5	68
52	Fourâ€year clinical results of fixed dental prostheses with zirconia substructures (Cercon): end abutments vs. cantilever design. European Journal of Oral Sciences, 2009, 117, 741-749.	1.5	68
53	Ten-year survival of anterior all-ceramic resin-bonded fixed dental prostheses. Journal of Adhesive Dentistry, 2011, 13, 407-10.	0.5	68
54	Fracture resistance of ceramic and polymer-based occlusal veneer restorations. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 74, 245-250.	3.1	67

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55	Bonding to alumina ceramic in restorative dentistry: clinical results over up to 5 years. Journal of Dentistry, 1998, 26, 245-249.	4.1	66
56	Effects of endodontic post surface treatment, dentin conditioning, and artificial aging on the retention of glass fiber-reinforced composite resin posts. Journal of Prosthetic Dentistry, 2010, 103, 31-39.	2.8	65
57	Threeâ€years clinical outcome of immediate provisionalization of single Osseospeed^{â„¢} implants in extraction sockets and healed ridges. Clinical Oral Implants Research, 2013, 24, 217-223.	4.5	65
58	Influence of the drill material and method of cooling on the development of intrabony temperature during preparation of the site of an implant. British Journal of Oral and Maxillofacial Surgery, 2013, 51, 74-78.	0.8	65
59	Influence of contamination on resin bond strength to nanoâ€structured aluminaâ€coated zirconia ceramic. European Journal of Oral Sciences, 2010, 118, 396-403.	1.5	62
60	Wear resistance of nanofilled composite resin and feldspathic ceramic artificial teeth. Journal of Prosthetic Dentistry, 2008, 100, 441-448.	2.8	61
61	Zirconia ceramic inlay-retained fixed dental prostheses â€“ first clinical results with a new design. Journal of Dentistry, 2011, 39, 208-211.	4.1	61
62	Effect of surface treatments on the properties and morphological change of dental zirconia. Journal of Prosthetic Dentistry, 2016, 115, 341-349.	2.8	61
63	Fifteen-year survival of anterior all-ceramic cantilever resin-bonded fixed dental prostheses. Journal of Dentistry, 2017, 56, 133-135.	4.1	61
64	Effect of fatigue loading on the fracture strength and failure mode of lithium disilicate and zirconia implant abutments. Clinical Oral Implants Research, 2018, 29, 20-27.	4.5	61
65	Survival Rate of Endodontically Treated Teeth With Posts After Prosthetic Restoration. Journal of Endodontics, 2006, 32, 928-931.	3.1	60
66	Retrievability of implantâ€retained crowns following cementation. Clinical Oral Implants Research, 2008, 19, 1304-1311.	4.5	58
67	Randomized clinical trial on single retainer all-ceramic resin-bonded fixed partial dentures: Influence of the bonding system after up to 55 months. Journal of Dentistry, 2012, 40, 783-786.	4.1	58
68	Fracture strength of lithium disilicate crowns compared to polymer-infiltrated ceramic-network and zirconia reinforced lithium silicate crowns. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 74, 342-348.	3.1	56
69	Fracture strength of all-porcelain, resinbonded bridges after testing in an artificial oral environment. Journal of Dentistry, 1993, 21, 117-121.	4.1	55
70	Periodontal findings in patients 10 years after insertion of removable partial dentures. Journal of Oral Rehabilitation, 2001, 28, 991-997.	3.0	55
71	Effect of a new metal primer on the bond strength between a resin cement and two high-noble alloys. Journal of Prosthetic Dentistry, 2000, 84, 554-560.	2.8	53
72	Fracture strength of all-ceramic posterior inlay-retained fixed partial dentures. Dental Materials, 2007, 23, 1513-1520.	3.5	53

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73	Influence of prolonged thermal cycling and water storage on the tensile bond strength of composite to NiCr alloy. Dental Materials, 1994, 10, 19-25.	3.5	52
74	Influence of contamination on bonding to zirconia ceramic. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2007, 81B, 283-290.	3.4	51
75	Effect of Different Irrigation on Smear Layer Removal after Post Space Preparation. Journal of Endodontics, 2009, 35, 583-586.	3.1	51
76	Comparison of fracture strength and failure mode of different ceramic implant abutments. Journal of Prosthetic Dentistry, 2017, 117, 499-506.	2.8	51
77	Eight-year outcome of posterior inlay-retained all-ceramic fixed dental prostheses. Journal of Dentistry, 2010, 38, 875-881.	4.1	50
78	Clinical comparison of postoperative sensitivity for a glass ionomer and a zinc phosphate luting cement. Journal of Prosthetic Dentistry, 1996, 75, 159-162.	2.8	49
79	Wear of composite resin veneering materials and enamel in a chewing simulator. Dental Materials, 2007, 23, 1382-1389.	3.5	48
80	Anterior Cantilever Resinâ€Bonded Fixed Dental Prostheses: A Review of the Literature. Journal of Prosthodontics, 2018, 27, 266-275.	3.7	47
81	Mechanical behavior of posterior allâ€ceramic hybridâ€abutmentâ€crowns versus hybridâ€abutments with separate crownsâ€”A laboratory study. Clinical Oral Implants Research, 2019, 30, 90-98.	4.5	47
82	Influence of water storage and thermal cycling on the fracture strength of all-porcelain, resin-bonded fixed partial dentures. Journal of Prosthetic Dentistry, 1994, 71, 251-256.	2.8	46
83	Inability to relate tooth forms to face shape and gender. European Journal of Oral Sciences, 2004, 112, 471-476.	1.5	46
84	Five-year clinical outcome of posterior zirconia ceramic inlay-retained FDPs with a modified design. Journal of Dentistry, 2015, 43, 1411-1415.	4.1	46
85	Properties of hot-pressed lithium silicate glass-ceramics. Dental Materials, 2019, 35, 713-729.	3.5	46
86	Durability of Resin Bonds to Pure Titanium. Journal of Prosthodontics, 1995, 4, 16-22.	3.7	45
87	Long-term retention behaviour of resin matrix attachment systems for overdentures. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 57, 88-94.	3.1	45
88	Low temperature degradation of single layers of multilayered zirconia in comparison to conventional unshaded zirconia: Phase transformation and flexural strength. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 77, 171-175.	3.1	45
89	Effect of fiber posts on the fracture resistance of endodontically treated anterior teeth with cervical cavities: An inÂvitro study. Journal of Prosthetic Dentistry, 2016, 116, 80-84.	2.8	43
90	Durability of resin bonds to a cobalt-chromium alloy. Journal of Dentistry, 1995, 23, 47-54.	4.1	42

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91	Subjective and objective perception of upper incisors. Journal of Oral Rehabilitation, 2006, 33, 489-495.	3.0	42
92	Cantilevered All-Ceramic, Resin-Bonded Fixed Partial Dentures: A New Treatment Modality. Journal of Esthetic and Restorative Dentistry, 1997, 9, 255-264.	3.8	39
93	Influence of design and mode of loading on the fracture strength of all-ceramic resin-bonded fixed partial dentures: An in vitro study in a dual-axis chewing simulator. Journal of Prosthetic Dentistry, 2000, 83, 540-547.	2.8	39
94	Wear of feldspathic ceramic, nanoâ€filled composite resin and acrylic resin artificial teeth when opposed to different antagonists. European Journal of Oral Sciences, 2008, 116, 585-592.	1.5	38
95	The randomized shortened dental arch study: oral health-related quality of life. Clinical Oral Investigations, 2014, 18, 525-533.	3.0	38
96	Marginal integrity and secondary caries of selectively excavated teeth in vitro. Journal of Dentistry, 2014, 42, 1261-1268.	4.1	37
97	Comparison of titanium dowel retention using four different luting agents. Journal of Prosthetic Dentistry, 2005, 94, 227-233.	2.8	36
98	Wear of human enamel and nanoâ€filled composite resin denture teeth under different loading forces. Journal of Oral Rehabilitation, 2009, 36, 58-64.	3.0	36
99	Linear and volumetric dimensional changes of injection-molded PMMA denture base resins. Dental Materials, 2013, 29, 1091-1097.	3.5	36
100	Fracture resistance of crowned incisors with different post systems and luting agents. Journal of Oral Rehabilitation, 2006, 33, 918-923.	3.0	35
101	Influence of various bonding techniques on the fracture strength of thin CAD/CAM-fabricated occlusal glass-ceramic veneers. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 75, 504-511.	3.1	35
102	Survival and Complications of Single Dental Implants in the Edentulous Mandible Following Immediate or Delayed Loading: A Randomized Controlled Clinical Trial. Journal of Dental Research, 2018, 97, 163-170.	5.2	35
103	Bond strength durability of self-adhesive resin cements to zirconia ceramic: An inÂvitro study. Journal of Prosthetic Dentistry, 2019, 121, 477-484.	2.8	35
104	Loadâ€bearing capacity of allâ€ceramic posterior inlayâ€retained fixed dental prostheses. European Journal of Oral Sciences, 2009, 117, 312-318.	1.5	34
105	Fracture Strength of Endodontically Treated Maxillary Premolars Supported by a Horizontal Glass Fiber Post: AnÂInÂVitro Study. Journal of Endodontics, 2015, 41, 907-912.	3.1	34
106	Biaxial flexural strength of new Bis-GMA/TEGDMA based composites with different fillers for dental applications. Dental Materials, 2016, 32, 1073-1078.	3.5	34
107	Fracture strength of prefabricated all-ceramic posterior inlay-retained fixed dental prostheses. Dental Materials, 2010, 26, 67-75.	3.5	33
108	The Randomized Shortened Dental Arch Study. Journal of Dental Research, 2010, 89, 818-822.	5.2	33

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109	The single midline implant in the edentulous mandible: a systematic review. Clinical Oral Investigations, 2014, 18, 1719-1724.	3.0	33
110	Survival and complications of computer aidedâ€designing and computerâ€aided manufacturing vs. conventionally fabricated implantâ€supported reconstructions: a systematic review. Clinical Oral Implants Research, 2009, 20, 48-54.	4.5	32
111	Effect of ferrule location on the fracture resistance of crowned mandibular premolars: An inÂvitro study. Journal of Prosthetic Dentistry, 2015, 114, 86-91.	2.8	32
112	A retrospective evaluation of teeth restored with zirconia ceramic posts: 10-year results. Clinical Oral Investigations, 2014, 18, 1181-1187.	3.0	31
113	Tensile bond strength of different universal adhesive systems to lithium disilicate ceramic. Journal of the American Dental Association, 2015, 146, 729-734.	1.5	31
114	Bond strength of a new generation of universal bonding systems to zirconia ceramic. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 62, 268-274.	3.1	31
115	Influence of thermomechanical fatigue on the fracture strength of CAD-CAM-fabricated occlusal veneers. Journal of Prosthetic Dentistry, 2019, 121, 644-650.	2.8	31
116	Evaluation of a new universal primer for ceramics and alloys. Journal of Adhesive Dentistry, 2012, 14, 275-82.	0.5	31
117	The influence of substance loss and ferrule height on the fracture resistance of endodontically treated premolars. An in vitro study. Dental Materials, 2013, 29, 1280-1286.	3.5	30
118	Ten-year clinical outcome of three-unit posterior FDPs made from a glass-infiltrated zirconia reinforced alumina ceramic (In-Ceram Zirconia). Journal of Dentistry, 2015, 43, 512-517.	4.1	30
119	Differential response of glutamine in cultured neurons and astrocytes. Journal of Neuroscience Research, 2005, 79, 193-199.	2.9	29
120	The Randomized Shortened Dental Arch Study. Journal of Dental Research, 2012, 91, S65-S71.	5.2	29
121	Assessment of lipopolysaccharide microleakage at conical implant-abutment connections. Clinical Oral Investigations, 2012, 16, 1377-1384.	3.0	29
122	Influence of Cement Film Thickness on the Retention of Implantâ€Retained Crowns. Journal of Prosthodontics, 2013, 22, 618-625.	3.7	29
123	The randomized shortened dental arch study (RaSDA): design and protocol. Trials, 2010, 11, 15.	1.6	27
124	Adhesion of living cells to abutment materials, dentin, and adhesive luting cement with different surface qualities. Dental Materials, 2016, 32, 1524-1535.	3.5	27
125	Three-dimensional investigation of the accuracy of impression materials after disinfection. Journal of Prosthetic Dentistry, 1993, 70, 449-456.	2.8	26
126	Patients' and dentists' perception of dental appearance. Clinical Oral Investigations, 2011, 15, 193-199.	3.0	26

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127	Perception of Dental Esthetics in Different Cultures. International Journal of Prosthodontics, 2014, 27, 523-529.	1.7	26
128	Single mandibular implant study â€“ denture satisfaction in the elderly. Journal of Oral Rehabilitation, 2017, 44, 213-219.	3.0	26
129	Evaluation of surface treatments of monolithic zirconia in different sintering stages. Journal of Prosthodontic Research, 2018, 62, 210-217.	2.8	26
130	Influence of bonding surface and bonding methods on the fracture resistance and survival rate of full-coverage occlusal veneers made from lithium disilicate ceramic after cyclic loading. Dental Materials, 2019, 35, 1351-1359.	3.5	26
131	Immediate Provisionalization of Dental Implants in Grafted Alveolar Ridges in the Esthetic Zone: A 5-Year Evaluation. International Journal of Periodontics and Restorative Dentistry, 2014, 34, 477-486.	1.0	26
132	Durability of Resin Bonding to Lithium Disilicate and Zirconia Ceramic using a Self-etching Primer. Journal of Adhesive Dentistry, 2017, 19, 491-496.	0.5	26
133	Effects of Longâ€Term Simulated RPD Clasp Attachment/Detachment on Retention Loss and Wear for Two Clasp Types and Three Abutment Material Surfaces. Journal of Prosthodontics, 2012, 21, 370-377.	3.7	25
134	Fracture resistance and cuspal deflection of incompletely excavated teeth. Journal of Dentistry, 2014, 42, 107-113.	4.1	25
135	Fifteen-year outcome of three-unit fixed dental prostheses made from monolithic lithium disilicate ceramic. Journal of Dentistry, 2019, 89, 103178.	4.1	25
136	Ten-year clinical outcome of single implant-retained mandibular overdenturesâ€”A prospective pilot study. Journal of Dentistry, 2019, 82, 63-65.	4.1	25
137	Effect of cleaning methods after reduced-pressure air abrasion on bonding to zirconia ceramic. Journal of Adhesive Dentistry, 2011, 13, 561-7.	0.5	25
138	Mechanical resistance of screwless morse taper and screwâ€retained implantâ€abutment connections. Clinical Oral Implants Research, 2015, 26, 137-142.	4.5	24
139	Single mandibular implant study (SMIS) â˜ masticatory performance â˜ results from a randomized clinical trial using two different loading protocols. Journal of Dentistry, 2017, 65, 64-69.	4.1	24
140	Eyebrow Surgery: The Supraciliary Craniotomy: Technical Note. Operative Neurosurgery, 2006, 59, ONS-E157-ONS-E158.	0.8	23
141	Implant placement under existing removable dental prostheses and its effect on oral healthâ€related quality of life. Clinical Oral Implants Research, 2013, 24, 1354-1359.	4.5	23
142	Influence of Four Different Abutment Materials and the Adhesive Joint of Two-Piece Abutments on Cervical Implant Bone and Soft Tissue. International Journal of Oral and Maxillofacial Implants, 2016, 31, 1264-1272.	1.4	23
143	Impact of shortened dental arch on oral health-related quality of life over a period of 10 years â€” A randomized controlled trial. Journal of Dentistry, 2019, 80, 55-62.	4.1	23
144	The ability of different materials to reproduce accurate records of interocclusal relationships in the vertical dimension. Journal of Oral Rehabilitation, 2008, 35, 816-820.	3.0	22

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145	Influence of zirconia abutment preparation on the fracture strength of single implant lithium disilicate crowns after chewing simulation. Clinical Oral Implants Research, 2014, 25, 675-682.	4.5	22
146	Retention of zirconia on titanium in two-piece abutments with self-adhesive resin cements. Journal of Prosthetic Dentistry, 2018, 120, 214-219.	2.8	22
147	Effect of ultraviolet photofunctionalization of dental titanium implants on osseointegration. Journal of Zhejiang University: Science B, 2018, 19, 525-534.	2.8	22
148	Durability of resin bonding to zirconia ceramic after contamination and the use of various cleaning methods. Dental Materials, 2019, 35, 1388-1396.	3.5	22
149	The influence of the restorative material on the mechanical behavior of screw-retained hybrid-abutment-crowns. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 111, 103988.	3.1	22
150	Aesthetic effect of minor changes in incisor angulation: an internet evaluation. Journal of Oral Rehabilitation, 2006, 33, 430-435.	3.0	21
151	The randomized shortened dental arch study: tooth loss over five years. Clinical Oral Investigations, 2013, 17, 877-886.	3.0	21
152	Inlayâ€retained cantilever fixed dental prostheses to substitute a single premolar: impact of zirconia framework design after dynamic loading. European Journal of Oral Sciences, 2014, 122, 310-316.	1.5	21
153	The single mandibular implant study â€“ Short-term effects of the loading protocol on Oral Health-related Quality of Life. Journal of Prosthodontic Research, 2018, 62, 313-316.	2.8	21
154	Retention and wear of resin matrix attachments for implant overdentures. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 110, 103901.	3.1	21
155	Tensile Bond Strength of So-called Universal Primers and Universal Multimode Adhesives to Zirconia and Lithium Disilicate Ceramics. Journal of Adhesive Dentistry, 2017, 19, 221-228.	0.5	21
156	The randomized shortened dental arch study: temporomandibular disorder pain. Clinical Oral Investigations, 2014, 18, 2159-2169.	3.0	20
157	Wear of polyetherketoneketones â€" Influence of titanium dioxide content and antagonistic material. Dental Materials, 2018, 34, 560-567.	3.5	20
158	Influence of Aging on Biaxial Flexural Strength and Hardness of Translucent 3Y-TZP. Materials, 2020, 13, 27.	2.9	19
159	Crown retention with use of different sealing systems on prepared dentine. Journal of Oral Rehabilitation, 2003, 30, 1053-1061.	3.0	18
160	Dental implants stimulate expression of Interleukinâ€8 and its receptor in human bloodâ€"An in vitro approach. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 1283-1288.	3.4	18
161	Single dental implant retained mandibular complete dentures â€“ influence of the loading protocol: study protocol for a randomized controlled trial. Trials, 2014, 15, 186.	1.6	18
162	Sixâ€year clinical outcome of single implantâ€retained mandibular overdentures â€“ a pilot study. Clinical Oral Implants Research, 2015, 26, 1191-1194.	4.5	18

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163	Effects of artificial aging and progression of cracks on thin occlusal veneers using SD-OCT. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 88, 231-237.	3.1	18
164	Influence of metal cleaning methods on the resin bond strength to NiCr alloy. Dental Materials, 2005, 21, 192-200.	3.5	17
165	Impact of Cleaning Procedures on Adhesion of Living Cells to Three Abutment Materials. International Journal of Oral and Maxillofacial Implants, 2017, 32, 976-984.	1.4	17
166	Influence of different preparation forms on the loading-bearing capacity of zirconia cantilever FDPs. A laboratory study. Journal of Prosthodontic Research, 2019, 63, 347-353.	2.8	17
167	Efficacy of Plasma Treatment for Decontaminating Zirconia. Journal of Adhesive Dentistry, 2018, 20, 289-297.	0.5	17
168	Clinical evaluation of zirconia cantilevered single-retainer resin-bonded fixed dental prostheses replacing missing canines and posterior teeth. Journal of Dentistry, 2022, 116, 103907.	4.1	17
169	Effect of fiber posts on the fracture resistance of maxillary central incisors with Class III restorations: An inÂvitro study. Journal of Prosthetic Dentistry, 2017, 118, 55-60.	2.8	16
170	Outcome of posterior fixed dental prostheses made from veneered zirconia over an observation period of up to 13 years. Journal of Dentistry, 2019, 86, 126-129.	4.1	16
171	Influence of elapsed time between airborne-particle abrasion and bonding to zirconia bond strength. Dental Materials, 2021, 37, 516-522.	3.5	16
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