Martin Rosentritt

List of Publications by Year
in descending order

178	5,320	66343	123424
papers	citations	42 h-index	61 g-index

179	179	179	3716
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wear performance of substructure ceramics and veneering porcelains. Dental Materials, 2011, 27, 796-804.	3.5	144
2	Influence of substructure design and spacer settings on the in vitro performance of molar zirconia crowns. Journal of Dentistry, 2009, 37, 978-983.	4.1	137
3	Approach for valuating the influence of laboratory simulation. Dental Materials, 2009, 25, 348-352.	3.5	131
4	Biofilm formation on the surface of modern implant abutment materials. Clinical Oral Implants Research, 2015, 26, 1297-1301.	4.5	129
5	Wear performance of dental ceramics after grinding and polishing treatments. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 10, 13-22.	3.1	121
6	Approach for valuating the significance of laboratory simulation. Journal of Dentistry, 2008, 36, 1048-1053.	4.1	101
7	Adhesion of Candida albicans to various dental implant surfaces and the influence of salivary pellicle proteins. Acta Biomaterialia, 2010, 6, 2307-2313.	8.3	101
8	Investigation of Mechanical Properties of Modern Dental Composites After Artificial Aging for One Year. Operative Dentistry, 2010, 35, 412-419.	1.2	101
9	The anti-adherence activity and bactericidal effect of microparticulate silver additives in composite resin materials. Archives of Oral Biology, 2009, 54, 595-601.	1.8	95
10	Discoloration of facing and restorative composites by UV-irradiation and staining food. Dental Materials, 2006, 22, 63-68.	3.5	88
11	In vitro failure and fracture resistance of veneered and full-contour zirconia restorations. Journal of Dentistry, 2012, 40, 921-928.	4.1	88
12	Two-body wear of dental porcelain and substructure oxide ceramics. Clinical Oral Investigations, 2012, 16, 935-943.	3.0	88
13	Streptococcal adhesion to novel low-shrink silorane-based restorative. Dental Materials, 2009, 25, 269-275.	3.5	85
14	Surface properties of monolithic zirconia after dental adjustment treatments and in vitro wear simulation. Journal of Dentistry, 2015, 43, 133-139.	4.1	85
15	Two-body wear of dental restorative materialsâˆ†. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 237-244.	3.1	84
16	Effect of incomplete crown ferrules on load capacity of endodontically treated maxillary incisors restored with fiber posts, composite build-ups, and all-ceramic crowns: Anin vitroevaluation after chewing simulation. Acta Odontologica Scandinavica, 2006, 64, 31-36.	1.6	82
17	Is Adhesive Cementation of Endodontic Posts Necessary?. Journal of Endodontics, 2008, 34, 1006-1010.	3.1	80
18	Shear bond strength between veneering composite and PEEK after different surface modifications. Clinical Oral Investigations, 2015, 19, 739-744.	3.0	77

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19	In-vitro fatigue and fracture testing of CAD/CAM-materials in implant-supported molar crowns. Dental Materials, 2017, 33, 427-433.	3.5	77
20	Polishing effects and wear performance of chairside CAD/CAM materials. Clinical Oral Investigations, 2019, 23, 725-737.	3.0	77
21	Roughness, surface energy, and superficial damages of CAD/CAM materials after surface treatment. Clinical Oral Investigations, 2018, 22, 2787-2797.	3.0	75
22	Bacterial adhesion of Streptococcus mutans to provisional fixed prosthodontic material. Journal of Prosthetic Dentistry, 2007, 98, 461-469.	2.8	74
23	Fiber-reinforced composite crowns and FPDs: a clinical report. International Journal of Prosthodontics, 2003, 16, 239-43.	1.7	69
24	Two-body wear of artificial acrylic and composite resin teeth in relation to antagonist material. Journal of Prosthetic Dentistry, 2009, 101, 269-278.	2.8	68
25	In vitro performance and fracture resistance of CAD/CAM-fabricated implant supported molar crowns. Clinical Oral Investigations, 2017, 21, 1213-1219.	3.0	66
26	Surface characterization of dental ceramics and initial streptococcal adhesion in vitro. Dental Materials, 2009, 25, 969-975.	3.5	64
27	The bond strength of the resin-to-zirconia interface using different bonding concepts. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 2-8.	3.1	63
28	Influence of cement type on the marginal adaptation of all-ceramic MOD inlays. Dental Materials, 2004, 20, 463-469.	3.5	61
29	Efficacy of denture disinfection methods in controllingCandida albicanscolonizationin vitro. Acta Odontologica Scandinavica, 2008, 66, 174-180.	1.6	58
30	Influence of substructure design, veneer application technique, and firing regime on the in vitro performance of molar zirconia crowns. Dental Materials, 2013, 29, e113-e121.	3.5	53
31	Acrylic removable appliances: Comparative evaluation of different postpolymerization methods. American Journal of Orthodontics and Dentofacial Orthopedics, 2007, 131, 301.e16-301.e22.	1.7	50
32	Surface properties and inÂvitro Streptococcus mutans adhesion to dental resin polymers. Journal of Materials Science: Materials in Medicine, 2008, 19, 2619-2627.	3.6	50
33	Complication rate with prosthodontic reconstructions on ITI and IMZ dental implants. Clinical Oral Implants Research, 1998, 9, 51-58.	4.5	49
34	Adhesion of Streptococcus mutans to various dental materials in a laminar flow chamber system. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2008, 86B, 36-44.	3.4	49
35	Influence of cementation on in vitro performance, marginal adaptation and fracture resistance of CAD/CAM-fabricated ZLS molar crowns. Dental Materials, 2015, 31, 1363-1369.	3.5	49
36	Discolouration of orthodontic adhesives caused by food dyes and ultraviolet light. European Journal of Orthodontics, 2007, 30, 89-93.	2.4	47

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37	Candida albicans adhesion to composite resin materials. Clinical Oral Investigations, 2009, 13, 293-299.	3.0	47
38	The Clinical Performance of Porcelain-Fused-to-Metal Precious Alloy Single Crowns: Chipping, Recurrent Caries, Periodontitis, and Loss of Retention. International Journal of Prosthodontics, 2014, 27, 153-160.	1.7	47
39	In-vitroperformance and fracture strength of thin monolithic zirconia crowns. Journal of Advanced Prosthodontics, 2018, 10, 79.	2.6	46
40	Reinforcement of experimental composite materials based on amorphous calcium phosphate with inert fillers. Dental Materials, 2014, 30, 1052-1060.	3.5	45
41	The effect of alveolar bone loss on the load capability of restored endodontically treated teeth: A comparative in vitro study. Journal of Dentistry, 2006, 34, 790-795.	4.1	44
42	Self-adhesive resin cement versus zinc phosphate luting material: A prospective clinical trial begun 2003. Dental Materials, 2009, 25, 601-604.	3.5	44
43	In vitro performance of zirconia and titanium implant/abutment systems for anterior application. Journal of Dentistry, 2014, 42, 1019-1026.	4.1	43
44	Changes of cement properties caused by mixing errors: The therapeutic range of different cement types. Dental Materials, 2008, 24, 1187-1193.	3.5	40
45	In vitro evaluation of artificial ageing on surface properties and early Candida albicans adhesion to prosthetic resins. Journal of Materials Science: Materials in Medicine, 2009, 20, 249-255.	3.6	40
46	The influence of different cements on the fracture resistance and marginal adaptation of all-ceramic and fiber-reinforced crowns. International Journal of Prosthodontics, 2003, 16, 538-42.	1.7	40
47	Influence of Filler Level on the Bond Strength of Orthodontic Adhesives. Angle Orthodontist, 2007, 77, 494-498.	2.4	39
48	Influence of resilient support of abutment teeth on fracture resistance of all-ceramic fixed partial dentures: an in vitro study. International Journal of Prosthodontics, 2011, 24, 465-8.	1.7	39
49	Cycle-dependent in vitro wear performance of dental ceramics after clinical surface treatments. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 53, 49-58.	3.1	37
50	In vitro performance of two-piece zirconia implant systems for anterior application. Dental Materials, 2016, 32, 765-774.	3.5	36
51	Comparison of flowable bulk-fill and flowable resin-based composites: an in vitro analysis. Clinical Oral Investigations, 2016, 20, 2123-2130.	3.0	35
52	Fracture force of toothâ€“toothâ€•and implantâ€“toothâ€•supported allâ€•ceramic fixed partial dentures using titanium vs. customised zirconia implant abutments. Clinical Oral Implants Research, 2008, 19, 1049-1053.	4.5	34
53	Influence of the fabrication process on the in vitro performance of fixed dental prostheses with zirconia substructures. Clinical Oral Investigations, 2011, 15, 1007-1012.	3.0	34
54	Adhesive bond of veneering composites on various metal surfaces using silicoating, titanium-coating or functional monomers. Journal of Dentistry, 2003, 31, 33-42.	4.1	33

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55	Bacterial adhesion of Streptococcus mutans to esthetic bracket materials. American Journal of Orthodontics and Dentofacial Orthopedics, 2008, 133, S99-S103.	1.7	33
56	Candida albicans biofilm formation on soft denture liners and efficacy of cleaning protocols. Gerodontology, 2012, 29, e383-91.	2.0	32
57	The Effectiveness of Polishing Kits: Influence on Surface Roughness of Zirconia. International Journal of Prosthodontics, 2015, 28, 149-151.	1.7	32
58	In vitro performance of implant-supported monolithic zirconia crowns: Influence of patient-specific tooth-coloured abutments with titanium adhesive bases. Journal of Dentistry, 2015, 43, 839-845.	4.1	32
59	Edge strength of CAD/CAM materials. Journal of Dentistry, 2018, 74, 95-100.	4.1	32
60	In Vitro Shock Absorption Tests on Implant-Supported Crowns: Influence of Crown Materials and Luting Agents. International Journal of Oral and Maxillofacial Implants, 2018, 33, 116-122.	1.4	32
61	Intraoral repair of fiber-reinforced composite fixed partial dentures. Journal of Prosthetic Dentistry, 1998, 79, 393-398.	2.8	31
62	In vitro examination of the fracture strength of 3 different fiberâ€reinforced composite and 1 allâ€ceramic posterior inlay fixed partial denture systems. Journal of Prosthodontics, 2002, 11, 248-253.	3.7	31
63	Adhesion of Streptococcus mutans NCTC 10449 to artificial teeth: An in vitro study. Journal of Prosthetic Dentistry, 2008, 100, 309-315.	2.8	31
64	Influence of saliva substitute films on initial Streptococcus mutans adhesion to enamel and dental substrata. Journal of Dentistry, 2008, 36, 977-983.	4.1	31
65	Fracture strength of minimally prepared all-ceramic CEREC crowns after simulating 5 years of service. Dental Materials, 2013, 29, e70-e77.	3.5	31
66	Effect of silanized nanosilica addition on remineralizing and mechanical properties of experimental composite materials with amorphous calcium phosphate. Clinical Oral Investigations, 2014, 18, 783-792.	3.0	31
67	Effect of tooth brush abrasion and thermo-mechanical loading on direct and indirect veneer restorations. Clinical Oral Investigations, 2015, 19, 53-60.	3.0	31
68	Fatigue and wear behaviour of zirconia materials. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 110, 103970.	3.1	31
69	In vitro adherence of oral streptococci to zirconia core and veneering glassâ€ceramics. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 91B, 257-263.	3.4	30
70	In-vitro performance of CAD/CAM-fabricated implant-supported temporary crowns. Clinical Oral Investigations, 2017, 21, 2581-2587.	3.0	29
71	Long-term clinical performance and complications of zirconia-based tooth- and implant-supported fixed prosthodontic restorations: A summary of systematic reviews. Journal of Dentistry, 2021, 111, 103723.	4.1	29
72	An in vitro comparative assessment of different enamel contaminants during bracket bonding. European Journal of Orthodontics, 2007, 29, 559-563.	2.4	28

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73	Electron beam irradiation of dental composites. Dental Materials, 2005, 21, 804-810.	3.5	27
74	Effects of aging on surface properties and adhesion of Streptococcus mutans on various fissure sealants. Clinical Oral Investigations, 2009, 13, 419-426.	3.0	27
75	In vitro performance of one- and two-piece zirconia implant systems for anterior application. Journal of Dentistry, 2016, 53, 94-101.	4.1	27
76	Influence of preparation, fitting, and cementation on the vitro performance and fracture resistance of CAD/CAM crowns. Journal of Dentistry, 2017, 65, 70-75.	4.1	27
77	Fracture characteristics of anterior resin-bonded zirconia-fixed partial dentures. Clinical Oral Investigations, 2009, 13, 453-457.	3.0	26
78	Factors determining the retentiveness of luting agents used with metal- and ceramic-based implant components. Clinical Oral Investigations, 2013, 17, 1179-1190.	3.0	26
79	Interim rehabilitation of occlusal vertical dimension using a double-crown-retained removable dental prosthesis with polyetheretherketone framework. Journal of Prosthetic Dentistry, 2018, 119, 315-318.	2.8	26
80	Consensus statement on fiber-reinforced polymers: current status, future directions, and how they can be used to enhance dental care. International Journal of Prosthodontics, 2003, 16, 209.	1.7	22
81	Self-adhesive cements as core build-ups for one-stage post-endodontic restorations?. International Endodontic Journal, 2011, 44, 195-202.	5.0	21
82	Contact wear of artificial denture teeth. Journal of Prosthodontic Research, 2018, 62, 252-257.	2.8	21
83	Fracture force of CAD/CAM resin composite crowns after in vitro aging. Clinical Oral Investigations, 2020, 24, 2395-2401.	3.0	21
84	Influence of artificial ageing on surface properties and Streptococcus mutans adhesion to dental composite materials. Journal of Materials Science: Materials in Medicine, 2010, 21, 823-833.	3.6	20
85	Streptococcus mutansandStreptococcus sobrinusbiofilm formation and metabolic activity on dental materials. Acta Odontologica Scandinavica, 2012, 70, 114-121.	1.6	20
86	In vitro examination of the fracture strength of 3 different fiber-reinforced composite and 1 all-ceramic posterior inlay fixed partial denture systems. Journal of Prosthodontics, 2002, 11, 248-253.	3.7	20
87	A randomized clinical trial of chlorhexidine in the maintenance of oral candidiasisâ€free period in HIV infection. Oral Diseases, 2008, 14, 665-670.	3.0	19
88	Wear and hardness of different core buildâ€up materials. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 91B, 71-79.	3.4	19
89	Loading Standardization of Postendodontic Restorations In Vitro: Impact of Restorative Stage, Static Loading, and Dynamic Loading. Operative Dentistry, 2012, 37, 71-79.	1.2	19
90	Effect of microparticulate silver addition in dental adhesives on secondary caries in vitro. Clinical Oral Investigations, 2015, 19, 1673-1681.	3.0	19

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91	In vitro performance and fracture resistance of novel CAD/CAM ceramic molar crowns loaded on implants and human teeth. Journal of Advanced Prosthodontics, 2018, 10, 300.	2.6	19
92	Influence of cusp inclination and curvature on the in vitro failure and fracture resistance of veneered zirconia crowns. Clinical Oral Investigations, 2014, 18, 891-900.	3.0	18
93	Risk of chipping or facings failure of metal ceramic fixed partial prosthesesâ€"a retrospective data record analysis. Clinical Oral Investigations, 2012, 16, 401-405.	3.0	17
94	A Critical Evaluation of Fatigue Studies for Restorative Materials in Dentistry. Current Oral Health Reports, 2016, 3, 221-228.	1.6	17
95	Reliability and aging behavior of three different zirconia grades used for monolithic four-unit fixed dental prostheses. Dental Materials, 2020, 36, e329-e339.	3.5	17
96	Experimental composite brackets: Influence of filler level on the mechanical properties. American Journal of Orthodontics and Dentofacial Orthopedics, 2006, 130, 699.e9-699.e14.	1.7	16
97	Characterisation of the Filler Fraction in CAD/CAM Resin-Based Composites. Materials, 2021, 14, 1986.	2.9	16
98	Wear performance of monolithic dental ceramics with different surface treatments. Quintessence International, 2013, 44, 393-405.	0.4	16
99	Influence of electron beam irradiation on the alloy-to-resin bond strength. European Journal of Oral Sciences, 2005, 113, 429-435.	1.5	15
100	Fracture resistance of fiber-reinforced composite restorations with different framework design. Acta Odontologica Scandinavica, 2005, 63, 153-157.	1.6	15
101	Influence of type of luting cement used with all-ceramic crowns on load capability of post-restored endodontically treated maxillary central incisors. Clinical Oral Investigations, 2008, 12, 151-156.	3.0	15
102	In vitro performance of self-adhesive resin cements for post-and-core build-ups: Influence of chewing simulation or 1-year storage in 0.5% chloramine solution. Acta Biomaterialia, 2010, 6, 4389-4395.	8.3	15
103	Remineralizing amorphous calcium phosphate based composite resins: the influence of inert fillers on monomer conversion, polymerization shrinkage, and microhardness. Croatian Medical Journal, 2016, 57, 465-473.	0.7	15
104	Multilayer zirconia: Influence of positioning within blank and sintering conditions on the inÂvitro performance of 3-unit fixed partial dentures. Journal of Prosthetic Dentistry, 2022, 127, 141-145.	2.8	15
105	Flexural properties of prosthetic provisional polymers. European journal of prosthodontics and restorative dentistry, The, 2004, 12, 75-9.	0.4	15
106	Regensburger Kausimulator. Materialpruefung/Materials Testing, 1997, 39, 77-79.	2.2	14
107	Marginal Integrity of CAD/CAM Fixed Partial Dentures. European Journal of Dentistry, 2007, 01, 025-030.	1.7	13
108	The Extent of Luting Agent Remnants on Titanium and Zirconia Abutment Analogs After Scaling. International Journal of Oral and Maxillofacial Implants, 2014, 29, 1185-1192.	1.4	13

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109	Effect of Decontamination and Cleaning on the Shear Bond Strength of High Translucency Zirconia. Dentistry Journal, 2017, 5, 32.	2.3	13
110	Temporary materials: comparison of in vivo and in vitro performance. Clinical Oral Investigations, 2020, 24, 4061-4068.	3.0	13
111	Dental resin materials in vivoâ€"TEM results after one year: A pilot study. Journal of Materials Science: Materials in Medicine, 2006, 17, 825-828.	3.6	12
112	Influence of saliva substitute films on the initial adhesion of Candida albicans to dental substrata prior to and after artificial ageing. Archives of Oral Biology, 2010, 55, 391-396.	1.8	12
113	Dielectric analysis of depth dependent curing behavior of dental resin composites. Dental Materials, 2014, 30, 679-687.	3.5	12
114	Investigation of Clinical and Laboratory Wear in Locator-Supported, Implant-Retained Overdentures. International Journal of Prosthodontics, 2018, 31, 334-337.	1.7	12
115	Direct restoration of endodontically treated maxillary central incisors: post or no post at all?. Clinical Oral Investigations, 2019, 23, 381-389.	3.0	12
116	Laboratory performance and fracture resistance of CAD/CAM implant-supported tooth-coloured anterior FDPs. Journal of Dentistry, 2020, 96, 103326.	4.1	12
117	Fracture resistance of zirconia FPDs with adhesive bonding versus conventional cementation. International Journal of Prosthodontics, 2011, 24, 168-71.	1.7	12
118	Influence of fibre and filler reinforcement of plastic brackets: an in vitro study. European Journal of Orthodontics, 2007, 29, 304-309.	2.4	11
119	Performance of resin materials for temporary fixed denture prostheses. Journal of Oral Science, 2019, 61, 270-275.	1.7	11
120	In-vitro performance of CAD/CAM crowns with insufficient preparation design. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 90, 269-274.	3.1	11
121	Fracture performance of computer-aided manufactured zirconia and alloy crowns. Quintessence International, 2009, 40, 655-62.	0.4	11
122	Stability of screwâ€retention in twoâ€piece zirconia implants: An in vitro study. Clinical Oral Implants Research, 2020, 31, 607-614.	4.5	10
123	Discoloration of restorative materials after bleaching application. Quintessence International, 2005, 36, 33-9.	0.1	10
124	Effect of variations from the recommended powder/liquid ratio on some properties of resin-modified cements. Acta Odontologica Scandinavica, 2006, 64, 214-220.	1.6	9
125	Electron-beam irradiation of experimental denture base polymers. Acta Odontologica Scandinavica, 2007, 65, 171-176.	1.6	9
126	Wear Performance of Dental Materials: A Comparison of Substructure Ceramics, Veneering Ceramics, and Nonâ€Precious Alloys. Advanced Engineering Materials, 2011, 13, B432.	3.5	9

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127	Dental materials and their performance for the management of screw access channels in implant-supported restorations. Dental Materials Journal, 2017, 36, 123-128.	1.8	9
128	In Vitro Fatigue and Fracture Testing of Implant-Supported Anterior Ceramic Crowns. International Journal of Prosthodontics, 2018, 31, 264-266.	1.7	9
129	Influence of zirconia and lithium disilicate tooth- or implant-supported crowns on wear of antagonistic and adjacent teeth. Journal of Advanced Prosthodontics, 2020, 12, 1.	2.6	9
130	Marginal Adaptation, Gap Width, and Fracture Strength of Teeth Restored With Different All-Ceramic Vs Metal Ceramic Crown Systems: An in Vitro Study. European journal of prosthodontics and restorative dentistry, The, 2016, 24, 130-137.	0.4	9
131	Surface properties and in vitro Streptococcus mutans adhesion to self-etching adhesives. Journal of Adhesive Dentistry, 2009, 11, 263-9.	0.5	9
132	Direct or Indirect Restoration of Endodontically Treated Maxillary Central Incisors with Class III Defects? Composite vs Veneer or Crown Restoration. Journal of Adhesive Dentistry, 2018, 20, 519-526.	0.5	9
133	Evaluation of tooth analogs and type of restoration on the fracture resistance of post and core restored incisors. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 91B, 272-276.	3.4	8
134	Bond of acrylic teeth to different denture base resins after various surface-conditioning methods. Clinical Oral Investigations, 2012, 16, 319-323.	3.0	8
135	Dynamic fatigue of composite CAD/CAM materials. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 98, 311-316.	3.1	8
136	The antimicrobial and cytotoxic effects of a copper-loaded zinc oxide phosphate cement. Clinical Oral Investigations, 2020, 24, 3899-3909.	3.0	8
137	Investigating the mechanical and optical properties of novel Urethandimethacrylate (UDMA) and Urethanmethacrylate (UMA) based rapid prototyping materials. Dental Materials, 2021, 37, 1584-1591.	3.5	8
138	Cytotoxicity of printed resin-based splint materials. Journal of Dentistry, 2022, 120, 104097.	4.1	8
139	Increased tooth mobility because of loss of alveolar bone support: A hazard for zirconia two-unit cantilever resin-bonded FDPsin vitro?. , 2014, 102, 244-249.		7
140	Adhesive bond of veneering composites on various metal surfaces using silicoating, titanium-coating or functional monomers. Journal of Dentistry, 2003, 31, 33-42.	4.1	7
141	Dynamic fatigue of 3D-printed splint materials. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 124, 104885.	3.1	7
142	Thermoanalytical Investigations on the Influence of Storage Time in Water of Resin-Based CAD/CAM Materials. Biomedicines, 2021, 9, 1779.	3.2	7
143	Adhesive bond of veneering composites on various metal surfaces using silicoating, titanium-coating or functional monomers. Journal of Dentistry, 2003, 31, 33-42.	4.1	7
144	Streptococcal adhesion to various luting systems and the role of mixing errors. Acta Odontologica Scandinavica, 2009, 67, 139-145.	1.6	6

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145	Are Endodontically Treated Incisors Reliable Abutments for Zirconia-based Fixed Partial Dentures in the Esthetic Zone?. Journal of Endodontics, 2012, 38, 519-522.	3.1	6
146	Flexural strength and fracture toughness of two different lithium disilicate ceramics. Dental Materials Journal, 2020, 39, 302-308.	1.8	6
147	The Influence of Surface Preparation, Chewing Simulation, and Thermal Cycling on the Phase Composition of Dental Zirconia. Materials, 2021, 14, 2133.	2.9	6
148	Analysis of veneer failure of removable prosthodontics. Gerodontology, 2012, 29, e1125-8.	2.0	5
149	Laboratory tests for assessing adaptability and stickiness of dental composites. Dental Materials, 2014, 30, 963-967.	3.5	5
150	Influence of placement instruments on handling of dental composite materials. Dental Materials, 2019, 35, e47-e52.	3.5	5
151	InÂvitro performance and fracture resistance of interim conventional or CAD-CAM implant-supported screw- or cement-retained anterior fixed partial dentures. Journal of Prosthetic Dentistry, 2020, 126, 575-580.	2.8	4
152	The effect of sterilization and ultrasonic cleaning on resin cement interface of customized dental implant abutments. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 104, 103660.	3.1	4
153	Pilot in-vitro study on insertion/removal performance of hand-cast, milled and 3D printed splints. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 121, 104612.	3.1	4
154	Marginal integrity of CAD/CAM fixed partial dentures. European Journal of Dentistry, 2007, 1, 25-30.	1.7	4
155	4-Unit Molar Fixed Partial Dentures Made from Highly Translucent and Multilayer Zirconia Materials: An In Vitro Investigation. Ceramics, 2022, 5, 99-107.	2.6	4
156	Effects of storage and toothbrush simulation on color, gloss, and roughness of CAD/CAM, hand-cast, thermoforming, and 3D-printed splint materials. Clinical Oral Investigations, 2022, 26, 4183-4194.	3.0	4
157	Zirconia resin-bonded fixed partial dentures in the anterior maxilla. Quintessence International, 2008, 39, 313-9.	0.4	4
158	Fracture strength and bond capacities of electron irradiated fiber reinforced composites. Dental Materials, 2007, 23, 1529-1534.	3.5	3
159	Bacterial adhesion of Streptococcus mutans to orthodontic adhesives with various filler-volume fractions. American Journal of Orthodontics and Dentofacial Orthopedics, 2007, 132, 728.e7-728.e11.	1.7	3
160	Dielectric Analysis of Short-Term and Long-Term Curing of Novel Photo-Curing Dental Filling Materials. Macromolecular Symposia, 2010, 296, 622-625.	0.7	3
161	Influence of water sorption of the underlying abutment on fracture resistance of zirconia copings. Acta Odontologica Scandinavica, 2011, 69, 170-175.	1.6	3
162	Preparation time and surface roughness of core foundation resins and dentin. Journal of Prosthetic Dentistry, 2012, 108, 244-249.	2.8	3

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163	In vitro comparison of implant- versus gingiva-supported removable dentures in anterior and posterior applications. Clinical Oral Investigations, 2016, 20, 275-281.	3.0	3
164	Stability of Implant-Abutment Connection After Using the Rescue Kit: An In Vitro Study. International Journal of Oral and Maxillofacial Implants, 2018, 33, 1305-1311.	1.4	3
165	Strength investigation of artificial substitutes for human teeth in in vitro studies. International Journal of Prosthodontics, 2009, 22, 62-4.	1.7	3
166	Curvature-dependent shear bond strength of different attachment materials for orthodontic lingual indirect bonding. Scientific Reports, 2021, 11, 16611.	3.3	2
167	Influence of Heat Treatment and Veneering on the Storage Modulus and Surface of Zirconia Ceramic. European Journal of Dentistry, 2011, 05, 191-198.	1.7	1
168	Failure loads of allâ€ceramic cantilever fixed dental prostheses on postâ€restored abutment teeth: influence of the post presence and post position. European Journal of Oral Sciences, 2018, 126, 526-532.	1.5	1
169	Validating laboratory simulation with resin-based materials for temporary fixed denture prostheses â€“ Results from clinical and laboratory trials. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 101, 103431.	3.1	1
170	In vitro performance and fracture resistance of pressed or CAD/CAM milled ceramic implant-supported screw-retained or cemented anterior FDPs. Journal of Prosthodontic Research, 2021, 65, 208-212.	2.8	1
171	Materialographische Untersuchungen an Dentalwerkstoffen. Praktische Metallographie/Practical Metallography, 2011, 48, 8-16.	0.3	1
172	The effects of erroneous mixing of zinc carboxylate cements. Journal of Oral Science, 2010, 52, 89-93.	1.7	0
173	Glass ionomer layer thickness and its influence on zirconia failure. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 1567-1570.	3.1	0
174	Are implants more reliable than severely compromised endodontically treated teeth as abutments for zirconia-based FPDs?. Clinical Oral Investigations, 2013, 17, 1685-1692.	3.0	0
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