Junji Tagami

List of Publications by Year
in descending order

470	11,764	36303	64796
papers	citations	51 h-index	79 g-index

473	473	473	6701
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dental caries. Nature Reviews Disease Primers, 2017, 3, 17030.	30.5	958
2	A synthetic enamel for rapid tooth repair. Nature, 2005, 433, 819-819.	27.8	209
3	Dentin bond durability after three years using a dentin bonding agent with and without priming. Dental Materials, 1996, 12, 302-307.	3.5	170
4	Micro-shear bond strength of dual-cured resin cement to glass ceramics. Dental Materials, 2002, 18, 380-388.	3.5	166
5	Self-Etch Adhesive Systems: A Literature Review. Brazilian Dental Journal, 2015, 26, 3-10.	1.1	160
6	Validation of swept-source optical coherence tomography (SS-OCT) for the diagnosis of occlusal caries. Journal of Dentistry, 2010, 38, 655-665.	4.1	146
7	Non-invasive quantification of resinâ€“dentin interfacial gaps using optical coherence tomography: Validation against confocal microscopy. Dental Materials, 2011, 27, 915-925.	3.5	137
8	Effect of primer treatment on bonding of resin cements to zirconia ceramic. Dental Materials, 2010, 26, 426-432.	3.5	134
9	A light curing method for improving marginal sealing and cavity wall adaptation of resin composite restorations. Dental Materials, 2001, 17, 359-366.	3.5	113
10	The influence of age and depth of dentin on bonding. Dental Materials, 1994, 10, 241-246.	3.5	110
11	Application of Optical Coherence Tomography (OCT) for Diagnosis of Caries, Cracks, and Defects of Restorations. Current Oral Health Reports, 2015, 2, 73-80.	1.6	106
12	Efficacy of a Resin Coating on Bond Strengths of Resin Cement to Dentin. Journal of Esthetic and Restorative Dentistry, 2003, 15, 105-113.	3.8	102
13	Long-term evaluation of water sorption and ultimate tensile strength of HEMA-containing/-free one-step self-etch adhesives. Journal of Dentistry, 2011, 39, 506-512.	4.1	100
14	Noninvasive Cross-sectional Visualization of Enamel Cracks by Optical Coherence Tomography InÂVitro. Journal of Endodontics, 2012, 38, 1269-1274.	3.1	96
15	Long-term durability of resin dentin interface: nanoleakage vs. microtensile bond strength. Operative Dentistry, 2002, 27, 289-96.	1.2	96
16	Effect of Surface Characteristics on Adherence of S. mutans Biofilms to Indirect Resin Composites. Dental Materials Journal, 2007, 26, 915-923.	1.8	86
17	Surface Properties of Resin Composite Materials Relative to Biofilm Formation. Dental Materials Journal, 2007, 26, 613-622.	1.8	83
18	Relationship between mechanical properties of one-step self-etch adhesives and water sorption. Dental Materials, 2010, 26, 360-367.	3.5	82

#	Article	IF	Citations
19	Non-destructive 3D imaging of composite restorations using optical coherence tomography: Marginal adaptation of self-etch adhesives. Journal of Dentistry, 2011, 39, 316-325.	4.1	81
20	Effects of solvent drying time on micro-shear bond strength and mechanical properties of two self-etching adhesive systems. Dental Materials, 2007, 23, 1114-1119.	3.5	80
21	Effect of Operator Variability on Dentin Adhesion: Students vs. Dentists.. Dental Materials Journal, 1998, 17, 51-58.	1.8	77
22	Noninvasive crossâ€sectional imaging of proximal caries using sweptâ€source optical coherence tomography (SSâ€OCT) in vivo. Journal of Biophotonics, 2014, 7, 506-513.	2.3	77
23	Dental zirconia can be etched by hydrofluoric acid. Dental Materials Journal, 2014, 33, 79-85.	1.8	74
24	Tensile Bond Strength and SEM Evaluation of Er:YAG Laser Irradiated Dentin using Dentin Adhesive.. Dental Materials Journal, 1998, 17, 125-138.	1.8	72
25	Translucency, opalescence and light transmission characteristics of light-cured resin composites. Dental Materials, 2010, 26, 1090-1097.	3.5	71
26	Concurrent evaluation of composite internal adaptation and bond strength in a class-I cavity. Journal of Dentistry, 2013, 41, 60-70.	4.1	70
27	Internal adaptation of resin composites at two configurations: Influence of polymerization shrinkage and stress. Dental Materials, 2016, 32, 1085-1094.	3.5	70
28	Antimicrobial Efficacy of 3.8% Silver Diamine Fluoride and Its Effect on Root Dentin. Journal of Endodontics, 2010, 36, 1026-1029.	3.1	69
29	Bond strength of two adhesive systems to primary and permanent enamel. Operative Dentistry, 2002, 27, 403-9.	1.2	69
30	Ultrastructure of the dentin-adhesive interface after acid-base challenge. Journal of Adhesive Dentistry, 2004, 6, 183-90.	0.5	68
31	Morphological and Mechanical Characterization of the Acid-base Resistant Zone at the Adhesive-dentin Interface of Intact and Caries-affected Dentin. Operative Dentistry, 2006, 31, 466-472.	1.2	67
32	Bonding to caries-affected dentin. Japanese Dental Science Review, 2011, 47, 102-114.	5.1	67
33	Evaluation of resin composite polymerization by three dimensional micro-CT imaging and nanoindentation. Dental Materials, 2011, 27, 1070-1078.	3.5	67
34	Effect of an internal coating technique on tensile bond strengths of resin cements to zirconia ceramics. Dental Materials Journal, 2009, 28, 446-453.	1.8	66
35	Qualitative analysis of adhesive interface nanoleakage using FE-SEM/EDS. Dental Materials, 2007, 23, 561-569.	3.5	65
36	The effect of a bioglass paste on enamel exposed to erosive challenge. Journal of Dentistry, 2014, 42, 1458-1463.	4.1	65

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37	The effects of cavity size and incremental technique on micro-tensile bond strength of resin composite in Class I cavities. Dental Materials, 2007, 23, 533-538.	3.5	64
38	Mechanical properties and bond strength of dual-cure resin composites to root canal dentin. Dental Materials, 2007, 23, 226-234.	3.5	63
39	Reinforcement of dentin in self-etch adhesive technology: A new concept. Journal of Dentistry, 2009, 37, 604-609.	4.1	63
40	Surface Response of Fluorine Polymer-Incorporated Resin Composites to Cariogenic Biofilm Adherence. Applied and Environmental Microbiology, 2008, 74, 1428-1435.	3.1	61
41	Estimation of lesion progress in artificial root caries by swept source optical coherence tomography in comparison to transverse microradiography. Journal of Biomedical Optics, 2011, 16, 071408.	2.6	61
42	Effects of regional enamel and prism orientation on resin bonding. Operative Dentistry, 2003, 28, 20-7.	1.2	58
43	The effect of a "resin coating" on the interfacial adaptation of composite inlays. Operative Dentistry, 2003, 28, 28-35.	1.2	58
44	Bond Strengths of Two Adhesive Systems to Dentin Contaminated with a Hemostatic Agent. Operative Dentistry, 2007, 32, 399-405.	1.2	57
45	The role of functional monomers in bonding to enamel: Acidâ€“base resistant zone and bonding performance. Journal of Dentistry, 2010, 38, 722-730.	4.1	57
46	Effect of reducing agents on bond strength to NaOCl-treated dentin. Dental Materials, 2011, 27, 229-234.	3.5	57
47	In vitro evaluation of plant-derived agents to preserve dentin collagen. Dental Materials, 2013, 29, 1048-1054.	3.5	57
48	Effect of wet vs. dry testing on the mechanical properties of hydrophilic self-etching primer polymers. European Journal of Oral Sciences, 2007, 115, 239-245.	1.5	56
49	Surface characterization of current composites after toothbrush abrasion. Dental Materials Journal, 2013, 32, 75-82.	1.8	56
50	Bond Strengths of Current Adhesive Systems on Intact and Ground Enamel. Journal of Esthetic and Restorative Dentistry, 2004, 16, 107-116.	3.8	54
51	Age-related changes in hardness and modulus of elasticity of dentine. Archives of Oral Biology, 2006, 51, 457-463.	1.8	54
52	Inhibition of Biofilm Formation using Newly Developed Coating Materials with Self-cleaning Properties. Dental Materials Journal, 2008, 27, 565-572.	1.8	54
53	The durability of a fluoride-releasing resin adhesive system to dentin. Operative Dentistry, 2003, 28, 186-92.	1.2	54
54	Effect of filler content of flowable composites on resin-cavity interface. Dental Materials Journal, 2009, 28, 679-685.	1.8	53

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55	Non-destructive evaluation of an internal adaptation of resin composite restoration with swept-source optical coherence tomography and micro-CT. Dental Materials, 2016, 32, e1-e7.	3.5	53
56	Effect of Depth and Tubule Direction on Ultimate Tensile Strength of Human Coronal Dentin.. Dental Materials Journal, 2003, 22, 39-47.	1.8	52
57	Effects of additional and extended acid etching on bonding to caries-affected dentine. European Journal of Oral Sciences, 2004, 112, 458-464.	1.5	52
58	Apatite crystal protection against acid-attack beneath resinâ€“dentin interface with four adhesives: TEM and crystallography evidence. Dental Materials, 2012, 28, e89-e98.	3.5	52
59	Evaluation of Antibacterial and Fluoride-releasing Adhesive System on Dentin-Microtensile Bond Strength and Acid-base Challenge. Dental Materials Journal, 2006, 25, 545-552.	1.8	50
60	Phytic Acid: An Alternative Root Canal Chelating Agent. Journal of Endodontics, 2015, 41, 242-247.	3.1	50
61	Age-specific prevalence of erosive tooth wear by acidic diet and gastroesophageal reflux in Japan. Journal of Dentistry, 2015, 43, 418-423.	4.1	50
62	Pulpal responses to bacterial contamination following dentin bridging beneath hardâ€setting calcium hydroxide and selfâ€etching adhesive resin system. Dental Traumatology, 2008, 24, 201-206.	2.0	49
63	Effects of electrodeposited poly(ethylene glycol) on biofilm adherence to titanium. Journal of Biomedical Materials Research - Part A, 2010, 95A, 1105-1113.	4.0	49
64	Effect of light units on tooth bleaching with visible-light activating titanium dioxide photocatalyst. Dental Materials Journal, 2011, 30, 723-729.	1.8	48
65	Comparison of Enamel and Dentin Microshear Bond Strengths of a Two-step Self-etching Priming System with Five All-in-One Systems. Operative Dentistry, 2008, 33, 456-460.	1.2	46
66	Sealing performance of resin cements before and after thermal cycling: Evaluation by optical coherence tomography. Dental Materials, 2014, 30, 993-1004.	3.5	46
67	Clinical assessment of non carious cervical lesion using sweptâ€source optical coherence tomography. Journal of Biophotonics, 2015, 8, 846-854.	2.3	46
68	Micro-shear bond strength of resin-bonding systems to cervical enamel. American Journal of Dentistry, 2002, 15, 373-7.	0.1	46
69	The effects of luting resin bond to dentin on the strength of dentin supported by indirect resin composite. Dental Materials, 2002, 18, 136-142.	3.5	45
70	Influence of Curing Method and Storage Condition on Microhardness of Dual-cure Resin Cements. Dental Materials Journal, 2005, 24, 70-75.	1.8	45
71	Use of Hoy's solubility parameters to predict water sorption/solubility of experimental primers and adhesives. European Journal of Oral Sciences, 2007, 115, 81-86.	1.5	45
72	Mineral density, morphology and bond strength of natural versus artificial caries-affected dentin. Dental Materials Journal, 2013, 32, 138-143.	1.8	45

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73	The viscoelastic behavior of dental adhesives: A nanoindentation study. Dental Materials, 2009, 25, 13-19.	3.5	44
74	Nondestructive assessment of current one-step self-etch dental adhesives using optical coherence tomography. Journal of Biomedical Optics, 2013, 18, 076020.	2.6	44
75	Microtensile Bond Strengths to Cavity Floor Dentin in Indirect Composite Restorations using Resin Coating. Journal of Esthetic and Restorative Dentistry, 2007, 19, 38-46.	3.8	43
76	Evaluation of dentin bonding performance and acid-base resistance of the interface of two-step self-etching adhesive systems. Dental Materials Journal, 2009, 28, 493-500.	1.8	43
77	The effect of the elastic modulus of low-viscosity resins on the microleakage of Class V resin composite restorations under occlusal loading. Dental Materials Journal, 2010, 29, 324-329.	1.8	41
78	Effects of alumina-blasting pressure on the bonding to super/ultra-translucent zirconia. Dental Materials, 2019, 35, 730-739.	3.5	41
79	Micro-shear bond strength of Er:YAG-laser-treated dentin. Lasers in Medical Science, 2008, 23, 117-124.	2.1	40
80	Non-destructive characterization of voids in six flowable composites using swept-source optical coherence tomography. Dental Materials, 2013, 29, 278-286.	3.5	39
81	Effect of pretreatment with mildly acidic hypochlorous acid on adhesion to cariesâ€affected dentin using a selfâ€etch adhesive. European Journal of Oral Sciences, 2011, 119, 86-92.	1.5	38
82	Effect of a calcium-phosphate based desensitizer on dentin surface characteristics. Dental Materials Journal, 2013, 32, 615-621.	1.8	38
83	Color adjustment potential of single-shade resin composite to various-shade human teeth: Effect of structural color phenomenon. Dental Materials Journal, 2021, 40, 1033-1040.	1.8	38
84	Effect of artificial saliva contamination on pH value change and dentin bond strength. Dental Materials, 2003, 19, 429-434.	3.5	37
85	Relationship between bond strength tests and other in vitro phenomena. Dental Materials, 2010, 26, e94-e99.	3.5	37
86	The effect of curing conditions on the dentin bond strength of two dual-cure resin cements. Journal of Prosthodontic Research, 2017, 61, 412-418.	2.8	37
87	Effect of Pulse Duration of Er: YAG Laser on Dentin Ablation. Dental Materials Journal, 2008, 27, 433-439.	1.8	35
88	Effects of zinc fluoride on inhibiting dentin demineralization and collagen degradation <i>in vitro</i>: A comparison of various topical fluoride agents. Dental Materials Journal, 2016, 35, 769-775.	1.8	35
89	Micro-tensile and micro-shear bond strengths of current self-etch adhesives to enamel and dentin. American Journal of Dentistry, 2007, 20, 161-6.	0.1	35
90	Effect of hydration on assessment of early enamel lesion using sweptâ€source optical coherence tomography. Journal of Biophotonics, 2013, 6, 171-177.	2.3	34

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91	Real-time in-depth imaging of gap formation in bulk-fill resin composites. Dental Materials, 2019, 35, 585-596.	3.5	34
92	Enamel Bonding of Self-etch and Phosphoric Acid-etch Orthodontic Adhesive Systems. Dental Materials Journal, 2007, 26, 135-143.	1.8	33
93	<I>In vitro</I> effect of hesperidin on root dentin collagen and de/re-mineralization. Dental Materials Journal, 2012, 31, 362-367.	1.8	33
94	Effect of Resin-Coating Technique on Dentin Tensile Bond Strengths over 3 Years. Journal of Esthetic and Restorative Dentistry, 2002, 14, 115-122.	3.8	32
95	Relationship between fluorescence loss of QLF and depth of demineralization in an enamel erosion model. Dental Materials Journal, 2009, 28, 523-529.	1.8	32
96	Effect of smear layer treatment on dentin bond of self-adhesive cements. Dental Materials Journal, 2012, 31, 980-987.	1.8	32
97	Effects of curing mode and moisture on nanoindentation mechanical properties and bonding of a self-adhesive resin cement to pulp chamber floor. Dental Materials, 2013, 29, 708-717.	3.5	32
98	Effect of smear layer deproteinizing on resinâ€“dentine interface with self-etch adhesive. Journal of Dentistry, 2014, 42, 298-304.	4.1	32
99	Dentin Bonding Durability of Two-step Self-etch Adhesives with Improved of Degree of Conversion of Adhesive Resins. Journal of Adhesive Dentistry, 2017, 19, 31-37.	0.5	32
100	Effects of light sources and visible light-activated titanium dioxide photocatalyst on bleaching. Dental Materials Journal, 2009, 28, 693-699.	1.8	31
101	The acid-base resistant zone in three dentin bonding systems. Dental Materials Journal, 2009, 28, 717-721.	1.8	31
102	Detection of occlusal caries in primary teeth using swept source optical coherence tomography. Journal of Biomedical Optics, 2014, 19, 016020.	2.6	31
103	Assessment of natural enamel lesions with optical coherence tomography in comparison with microfocus x-ray computed tomography. Journal of Medical Imaging, 2015, 2, 014001.	1.5	31
104	3D assessment of void and gap formation in flowable resin composites using optical coherence tomography. Journal of Adhesive Dentistry, 2013, 15, 237-43.	0.5	31
105	Evaluation of a New Adhesive Liner as an Adhesive Promotor and a Desensitizer on Hypersensitive Dentin. Dental Materials Journal, 1987, 6, 201-208,226.	1.8	31
106	Ultrastructural study of a glass ionomer-based, all-in-one adhesive. Journal of Dentistry, 2001, 29, 489-498.	4.1	30
107	Seven-year dentin bond strengths of a total- and self-etch system. European Journal of Oral Sciences, 2005, 113, 265-270.	1.5	30
108	Age-related changes in salivary biomarkers. Journal of Dental Sciences, 2014, 9, 85-90.	2.5	30

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109	Sodium fluoride mouthrinse used twice daily increased incipient caries lesion remineralization in an in situ model. Journal of Dentistry, 2014, 42, 271-278.	4.1	30
110	Dentin bonding performance using Weibull statistics and evaluation of acid-base resistant zone formation of recently introduced adhesives. Dental Materials Journal, 2016, 35, 684-693.	1.8	29
111	Effects of coating materials on nanoindentation hardness of enamel and adjacent areas. Dental Materials, 2016, 32, 807-816.	3.5	29
112	pH Mapping on Tooth Surfaces for Quantitative Caries Diagnosis Using Micro Ir/IrOx pH Sensor. Analytical Chemistry, 2018, 90, 4925-4931.	6.5	29
113	Evaluation of discoloration of sound/demineralized root dentin with silver diamine fluoride: In-vitro study. Dental Materials Journal, 2019, 38, 143-149.	1.8	29
114	Influence of abrasive particle size on surface properties of flowable composites. Dental Materials Journal, 2008, 27, 780-786.	1.8	28
115	Effect of hybridization on bond strength and adhesive interface after acid-base challenge using 4-META/MMA-TBB resin. Dental Materials Journal, 2009, 28, 185-193.	1.8	28
116	Swept source optical coherence tomography for quantitative and qualitative assessment of dental composite restorations. Proceedings of SPIE, 2011, , .	0.8	28
117	Color shifting at the border of resin composite restorations in human tooth cavity. Dental Materials, 2012, 28, 811-817.	3.5	28
118	Evaluation of dental caries, tooth crack, and age-related changes in tooth structure using optical coherence tomography. Japanese Dental Science Review, 2020, 56, 109-118.	5.1	28
119	Effect of Curing Method and Storage Condition on Fluoride Ion Release from a Fluoride-releasing Resin Cement. Dental Materials Journal, 2006, 25, 261-266.	1.8	27
120	Optical coherence tomography for evaluation of enamel and protective coatings. Dental Materials Journal, 2015, 34, 98-107.	1.8	27
121	Assessment of bacterial demineralization around composite restorations using swept-source optical coherence tomography (SS-OCT). Dental Materials, 2016, 32, 1177-1188.	3.5	27
122	Cross-linked dry bonding: A new etch-and-rinse technique. Dental Materials, 2016, 32, 1124-1132.	3.5	27
123	The effects of aging on shear bond strength and nanoleakage expression of an etch-and-rinse adhesive on human enamel and dentin. Journal of Adhesive Dentistry, 2012, 14, 235-43.	0.5	27
124	Effect of Incremental Filling Technique on Adhesion of Light-cured Resin Composite to Cavity Floor. Dental Materials Journal, 2006, 25, 503-508.	1.8	26
125	The Effect of Bonding System and Composite Type on Adaptation of Different C-factor Restorations. Dental Materials Journal, 2006, 25, 45-50.	1.8	26
126	Effect of Resin Coating on Adhesion of Composite Crown Restoration. Dental Materials Journal, 2006, 25, 272-279.	1.8	26

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127	UV-Cleavable Polyrotaxane Cross-Linker for Modulating Mechanical Strength of Photocurable Resin Plastics. ACS Macro Letters, 2015, 4, 1154-1157.	4.8	26
128	Characterization of transparent dentin in attrited teeth using optical coherence tomography. Lasers in Medical Science, 2015, 30, 1189-1196.	2.1	26
129	The effect of five kinds of surface treatment agents on the bond strength to various ceramics with thermocycle aging. Dental Materials Journal, 2017, 36, 755-761.	1.8	26
130	Concept and clinical application of the resin-coating technique for indirect restorations. Dental Materials Journal, 2018, 37, 192-196.	1.8	26
131	Molecular Interactions of Surface Protein Peptides of Streptococcus gordonii with Human Salivary Components. Infection and Immunity, 2004, 72, 4819-4826.	2.2	25
132	Potentials of Mouthwashes in Disinfecting Cariogenic Bacteria and Biofilms Leading to Inhibition of Caries. Open Dentistry Journal, 2012, 6, 23-30.	0.5	25
133	Nanoindentation hardness of intertubular dentin in sound, demineralized and natural caries-affected dentin. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 32, 39-45.	3.1	25
134	Mechanical properties and molecular structure analysis of subsurface dentin after Er:YAG laser irradiation. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 74, 274-282.	3.1	25
135	Effect of Glutathione Bio-Molecule on Tooth Discoloration Associated with Silver Diammine Fluoride. International Journal of Molecular Sciences, 2018, 19, 1322.	4.1	25
136	Bonding to sound vs caries-affected dentin using photo- and dual-cure adhesives. Operative Dentistry, 2005, 30, 90-8.	1.2	25
137	In Vitro pH Analysis of Active and Arrested Dentinal Caries in Extracted Human Teeth Using a Micro pH Sensor. Dental Materials Journal, 2006, 25, 423-429.	1.8	24
138	Adhesion of Epiphany Self-etch Sealer to Dentin Treated with Intracanal Irrigating Solutions. Journal of Endodontics, 2011, 37, 228-230.	3.1	24
139	Effect of phytic acid used as etchant on bond strength, smear layer, and pulpal cells. European Journal of Oral Sciences, 2013, 121, 482-487.	1.5	24
140	Effect of hesperidin incorporation into a self-etching primer on durability of dentin bond. Dental Materials, 2014, 30, 1205-1212.	3.5	24
141	Validation of Optical Coherence Tomography against Microâ€“computed Tomography for Evaluation of Remaining Coronal Dentin Thickness. Journal of Endodontics, 2015, 41, 1349-1352.	3.1	24
142	The role of enamel thickness and refractive index on human tooth colour. Journal of Dentistry, 2016, 51, 36-44.	4.1	24
143	The role of functional phosphoric acid ester monomers in the surface treatment of yttria-stabilized tetragonal zirconia polycrystals. Dental Materials Journal, 2017, 36, 190-194.	1.8	24
144	Smear layer-deproteinizing improves bonding of one-step self-etch adhesives to dentin. Dental Materials, 2018, 34, 434-441.	3.5	24

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145	Morphological and elemental analysis of silver penetration into sound/demineralized dentin after SDF application. Dental Materials, 2019, 35, 1718-1727.	3.5	24
146	Effects of the ratio of silane to 10-methacryloyloxydecyl dihydrogenphosphate (MDP) in primer on bonding performance of silica-based and zirconia ceramics. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 112, 104026.	3.1	24
147	Regional Bond Strength of Four Self-etching Primer/Adhesive Systems to Root Canal Dentin. Dental Materials Journal, 2005, 24, 261-267.	1.8	23
148	Microtensile bond strength between crown and root dentin and two adhesive systems. Journal of Prosthetic Dentistry, 2007, 97, 223-228.	2.8	23
149	Effects of One-year Storage in Water on Bond Strength of Self-etching Adhesives to Enamel and Dentin. Dental Materials Journal, 2008, 27, 266-272.	1.8	23
150	Effect of silver-containing agents on the ultra-structural morphology of dentinal collagen. Dental Materials, 2020, 36, 936-944.	3.5	23
151	The effect of curing mode of dual-cure resin cements on bonding performance of universal adhesives to enamel, dentin and various restorative materials. Dental Materials Journal, 2021, 40, 446-454.	1.8	23
152	Effect of Different Surface Treatments on the Tensile Bond Strength to Lithium Disilicate Glass Ceramics. Journal of Adhesive Dentistry, 2018, 20, 261-268.	0.5	23
153	Regional bond strengths of a dual-cure resin core material to translucent quartz fiber post. American Journal of Dentistry, 2006, 19, 51-5.	0.1	23
154	Hardness and Young's Modulus of Transparent Dentin Associated with Aging and Carious Disease. Dental Materials Journal, 2005, 24, 648-653.	1.8	22
155	Influence of Elasticity on Gap Formation in a Lining Technique with Flowable Composite. Dental Materials Journal, 2006, 25, 538-544.	1.8	22
156	Effect of adhesion to cavity walls on the mechanical properties of resin composites. Dental Materials, 2008, 24, 83-89.	3.5	22
157	Effect of Double-application of Three Single-step Self-etch Adhesives on Dentin Bonding and Mechanical Properties of Resin-dentin Area. Operative Dentistry, 2009, 34, 716-724.	1.2	22
158	Assessment of the nanostructure of acidâ€“base resistant zone by the application of all-in-one adhesive systems: Super dentin formation. Bio-Medical Materials and Engineering, 2009, 19, 163-171.	0.6	22
159	Internal coating of zirconia restoration with silica-based ceramic improves bonding of resin cement to dental zirconia ceramic. Bio-Medical Materials and Engineering, 2010, 20, 77-87.	0.6	22
160	Pre-etching <I>vs.</I> grinding in promotion of adhesion to intact enamel using self-etch adhesives. Dental Materials Journal, 2012, 31, 394-400.	1.8	22
161	Influences of compositeâ€“composite join on light transmission characteristics of layered resin composites. Dental Materials, 2012, 28, 204-211.	3.5	22
162	Assessment of current adhesives in class I cavity: Nondestructive imaging using optical coherence tomography and microtensile bond strength. Dental Materials, 2015, 31, e190-e200.	3.5	22

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163	3D imaging of proximal caries in posterior teeth using optical coherence tomography. Scientific Reports, 2020, 10, 15754.	3.3	22
164	Effect of Scrubbing Technique with Mild Self-etching Adhesives on Dentin Bond Strengths and Nanoleakage Expression. Journal of Adhesive Dentistry, 2016, 18, 197-204.	0.5	22
165	The resin-coating technique. Effect of a single-step bonding system on dentin bond strengths. Journal of Adhesive Dentistry, 2003, 5, 293-300.	0.5	22
166	Bonding durability of a self-etching primer system to normal and caries-affected dentin under hydrostatic pulpal pressure in vitro. American Journal of Dentistry, 2006, 19, 147-50.	0.1	22
167	Relationship between ceramic primer and ceramic surface pH on the bonding of dual-cure resin cement to ceramic. Dental Materials, 2003, 19, 779-789.	3.5	21
168	Microtensile Bond Strength of Dual-cure Resin Cement to Root Canal Dentin with Different Curing Strategies. Dental Materials Journal, 2004, 23, 550-556.	1.8	21
169	Effect of Air-powder Polishing on Dentin Adhesion of a Self-etching Primer Bonding System. Dental Materials Journal, 2005, 24, 59-65.	1.8	21
170	Analysis of Er:YAG Lased Dentin Using Attenuated Total Reflectance Fourier Transform Infrared and X-ray Diffraction Techniques. Dental Materials Journal, 2007, 26, 422-428.	1.8	21
171	Microâ€shear bond strengths and etching efficacy of a twoâ€step selfâ€etching adhesive system to fluorosed and nonâ€fluorosed enamel. European Journal of Oral Sciences, 2009, 117, 182-186.	1.5	21
172	A pilot study to assess the morphology and progression of non-carious cervical lesions. Journal of Dentistry, 2017, 57, 51-56.	4.1	21
173	Inhibitory effect of zinc-containing desensitizer on bacterial biofilm formation and root dentin demineralization. Dental Materials Journal, 2019, 38, 940-946.	1.8	21
174	Chairside fabrication of provisional crowns on FDM 3D-printed PVA model. Journal of Prosthodontic Research, 2020, 64, 401-407.	2.8	21
175	Morphological Evaluation of the Adhesive/Enamel interfaces of Two-step Self-etching Adhesives and Multimode One-bottle Self-etching Adhesives. Journal of Adhesive Dentistry, 2016, 18, 223-9.	0.5	21
176	Shear bond strengths to coronal and pulp chamber floor dentin. American Journal of Dentistry, 2002, 15, 383-8.	0.1	21
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