Keiichi Hosaka

List of Publications by Year
in descending order

72 papers	1,283 citations	331538 21 h-index	395590 33 g-index
72 all docs	72 docs citations	72 times ranked	973 citing authors

#	Article	IF	Citations
1	Additive effects of touch-activated polymerization and extended irradiation time on bonding of light-activated adhesives to root canal dentin. Journal of Prosthetic Dentistry, 2022, 127, 750-758.	1.1	6
2	Impaired dental implant osseointegration in rat with streptozotocinâ€induced diabetes. Journal of Periodontal Research, 2022, 57, 412-424.	1.4	15
3	Smear layer deproteinization with NaOCl and HOCl: Do application/wash-out times affect dentin bonding of one-step self-etch adhesives?. Dental Materials Journal, 2022, 41, 353-362.	0.8	5
4	Application of Sulfinate Agent in Conjunction with HOCl ï»¿Smearï»¿-Layer Deproteinization Improves Dentin Bonding Durability of One-step Self-etch Adhesives.. Journal of Adhesive Dentistry, 2022, 24, 223-232.	0.3	1
5	Addition of metal chlorides to a HOCl conditioner can enhance bond strength to smear layer deproteinized dentin. Dental Materials, 2022, 38, 1235-1247.	1.6	1
6	6-(Methylsulfinyl) Hexyl Isothiocyanate Inhibits IL-6 and CXCL10 Production in TNF-Î±-Stimulated Human Oral Epithelial Cells. Current Issues in Molecular Biology, 2022, 44, 2915-2922.	1.0	4
7	Replacing mandibular central incisors with a direct resin-bonded fixed dental prosthesis by using a bilayering composite resin injection technique with a digital workflow: A dental technique. Journal of Prosthetic Dentistry, 2021, 126, 150-154.	1.1	8
8	Regional ultimate tensile strength and water sorption/solubility of bulk-fill and conventional resin composites: The effect of long-term water storage. Dental Materials Journal, 2021, 40, 1394-1402.	0.8	4
9	Bond strengths of three-step etch-and-rinse adhesives to silane contaminated dentin. Dental Materials Journal, 2021, 40, 385-392.	0.8	2
10	Long-term evaluation of warm-air treatment effect on adaptation of silane-containing universal adhesives to lithium disilicate ceramic. Dental Materials Journal, 2021, 40, 379-384.	0.8	2
11	Influence of central and peripheral dentin on micro-tensile bond strength estimated using a competing risk model. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 115, 104295.	1.5	1
12	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.	0.8	23
13	Effect of water storage and thermocycling on light transmission properties, translucency and refractive index of nanofilled flowable composites. Dental Materials Journal, 2021, 40, 599-605.	0.8	9
14	UV-Mediated Photofunctionalization of Indirect Restorative Materials Enhances Bonding to a Resin-Based Luting Agent. BioMed Research International, 2021, 2021, 1-8.	0.9	3
15	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.	0.8	38
16	Degree of conversion and dentin bond strength of light-cured multi-mode adhesives pretreated or mixed with sulfinate agents. Dental Materials Journal, 2021, 40, 877-884.	0.8	5
17	Clinical effectiveness of direct resin composite restorations bonded using one-step or two-step self-etch adhesive systems: A three-year multicenter study. Dental Materials Journal, 2021, 40, 1151-1159.	0.8	3
18	Influence of Silane Pretreatment and Warm Air-Drying on Long-Term Composite Adaptation to Lithium Disilicate Ceramic. Crystals, 2021, 11, 86.	1.0	1

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19	Sodium p-Toluenesulfinate Enhances the Bonding Durability of Universal Adhesives on Deproteinized Eroded Dentin. Polymers, 2021, 13, 3901.	2.0	5
20	Effect of Surface Polishing on Nano-Hardness and Elastic Modulus of Different Resin Composites after Immersion in Alcoholic Medium. Journal of Composites Science, 2021, 5, 327.	1.4	0
21	Effect of Surface Moisture on Bur-cut Dentin on Bonding of HEMA-free and HEMA-containing Universal Adhesives with or without Methacrylamide Monomer. Journal of Adhesive Dentistry, 2021, 23, 327-334.	0.3	2
22	Eight-year Microtensile Bond Strength to Dentin and Interfacial Nanomechanical Properties of a One-step Adhesive. Journal of Adhesive Dentistry, 2021, 23, 461-467.	0.3	1
23	Can a New HEMA-free Two-step Self-etch Adhesive Improve Dentin Bonding Durability and Marginal Adaptation?. Journal of Adhesive Dentistry, 2021, 23, 505-512.	0.3	3
24	The combined effect of light-illuminating direction and enamel rod orientation on color adjustment at the enamel borders of composite restorations. Clinical Oral Investigations, 2020, 24, 2305-2313.	1.4	13
25	A competing risk model for bond strength data analysis. Dental Materials, 2020, 36, 1508-1515.	1.6	5
26	3D imaging of proximal caries in posterior teeth using optical coherence tomography. Scientific Reports, 2020, 10, 15754.	1.6	22
27	Effect of smear layer deproteinization with enzyme solutions on bonding efficacy of one-step self-etch adhesives. International Journal of Adhesion and Adhesives, 2020, 102, 102672.	1.4	3
28	Postâ€orthodontic recontouring of anterior teeth using composite injection technique with a digital workflow. Journal of Esthetic and Restorative Dentistry, 2020, 32, 638-644.	1.8	13
29	Effect of smear layer deproteinization with chemo-mechanical caries removal agents on sealing performances of self-etch adhesives. Journal of Dentistry, 2020, 94, 103300.	1.7	13
30	Effect of smear layer deproteinization with HOCl solution on the dentin bonding of conventional and resinâ€modified glassâ€ionomer cements. European Journal of Oral Sciences, 2020, 128, 255-262.	0.7	5
31	Effect of antioxidant/reducing agents on the initial and long-term bonding performance of a self-etch adhesive to caries-affected dentin with and without smear layer-deproteinizing. International Journal of Adhesion and Adhesives, 2020, 102, 102648.	1.4	8
32	Air-blowing strategies for improving the microtensile bond strength of one-step self-etch adhesives to root canal dentin. Dental Materials Journal, 2020, 39, 892-899.	0.8	7
33	Hot air stream reduces cytotoxicity of light-cured calcium hydroxide based cements. Journal of Clinical and Experimental Dentistry, 2020, 12, e215-e219.	0.5	4
34	Effect of heat treatment on cytotoxicity and polymerization of universal adhesives. Dental Materials Journal, 2020, 39, 970-975.	0.8	3
35	Effect of preheating on cytotoxicity and physicochemical properties of light-cured calcium-based cements. Acta OdontolÃ³gica Latinoamericana: AOL, 2020, 33, 82-89.	0.1	0
36	The effect of flowable composite lining and dentin location on microtensile bond strength and internal fracture formation. Dental Materials Journal, 2019, 38, 798-805.	0.8	3

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37	Incorporation of a hydrophilic amide monomer into a one-step self-etch adhesive to increase dentin bond strength: Effect of application time. Dental Materials Journal, 2019, 38, 892-899.	0.8	28
38	Subsequent application of bonding agents to a one-step self-etch adhesive â€" Its effect with/without previous light-curing. Dental Materials, 2019, 35, e299-e309.	1.6	12
39	Effect of light-curing time on light-cure/post-cure volumetric polymerization shrinkage and regional ultimate tensile strength at different depths of bulk-fill resin composites. Dental Materials Journal, 2019, 38, 621-629.	0.8	9
40	Ultra-high-speed videography of resinâ€"dentin interface failure dynamics under tensile load. Dental Materials, 2019, 35, e153-e161.	1.6	5
41	Effects of UVB and UVC irradiation on cariogenic bacteria in vitro. Lasers in Medical Science, 2019, 34, 981-989.	1.0	6
42	The repair bond strength to resin matrix in cured resin composites after water aging. Dental Materials Journal, 2019, 38, 233-240.	0.8	17
43	The effect of warm air-blowing on the microtensile bond strength of one-step self-etch adhesives to root canal dentin. Journal of Prosthodontic Research, 2018, 62, 330-336.	1.1	15
44	The strategies used for curing universal adhesives affect the micro-bond strength of resin cement used to lute indirect resin composites to human dentin. Dental Materials Journal, 2018, 37, 506-514.	0.8	12
45	Smear layer-deproteinizing improves bonding of one-step self-etch adhesives to dentin. Dental Materials, 2018, 34, 434-441.	1.6	24
46	Stress distribution in tooth resin core build-ups with different post-end positions in alveolar bone level under two kinds of load directions. Dental Materials Journal, 2018, 37, 474-483.	0.8	1
47	Smear Layer-Deproteinization: Improving the Adhesion of Self-Etch Adhesive Systems to Caries-Affected Dentin. Current Oral Health Reports, 2018, 5, 169-177.	0.5	12
48	Effect of Water Aging of Adherend Composite on Repair Bond Strength of Nanofilled Composites. Journal of Adhesive Dentistry, 2018, 20, 425-433.	0.3	14
49	Effect of Polymerization Accelerator on Bond Strength to Eugenol-Contaminated Dentin. Journal of Adhesive Dentistry, 2018, 20, 541-547.	0.3	5
50	Influence of water immersion on the mechanical properties of fiber posts. Journal of Prosthodontic Research, 2017, 61, 73-80.	1.1	8
51	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.	0.8	26
52	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.	0.3	32
53	Effects of chlorhexidine in self-etching adhesive: 24 hours results. Dental Materials Journal, 2013, 32, 420-424.	0.8	12
54	Color shifting at the border of resin composite restorations in human tooth cavity. Dental Materials, 2012, 28, 811-817.	1.6	28

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55	Effect of air-drying dentin surfaces on dentin bond strength of a solvent-free one-step adhesive. Dental Materials Journal, 2012, 31, 558-563.	0.8	8
56	Effect of smear layer treatment on dentin bond of self-adhesive cements. Dental Materials Journal, 2012, 31, 980-987.	0.8	32
57	Influences of compositeâ€“composite join on light transmission characteristics of layered resin composites. Dental Materials, 2012, 28, 204-211.	1.6	22
58	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.	1.7	100
59	Effect of smear layer characteristics on dentin bonding durability of HEMA-free and HEMA-containing one-step self-etch adhesives. Dental Materials Journal, 2011, 30, 501-510.	0.8	39
60	The influence of light intensities irradiated directly and indirectly through resin composite to self-etch adhesives on dentin bonding. Dental Materials Journal, 2011, 30, 315-322.	0.8	21
61	Dentin bond durability and water sorption/solubility of one-step self-etch adhesives. Dental Materials Journal, 2010, 29, 623-630.	0.8	35
62	Relationship between mechanical properties of one-step self-etch adhesives and water sorption. Dental Materials, 2010, 26, 360-367.	1.6	82
63	Translucency, opalescence and light transmission characteristics of light-cured resin composites. Dental Materials, 2010, 26, 1090-1097.	1.6	71
64	Effect of composite post placement on bonding to root canal dentin using 1-step self-etch dual-cure adhesive with chemical activation mode. Dental Materials Journal, 2010, 29, 642-648.	0.8	12
65	Membrane permeability properties of dental adhesive films. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 88B, 312-320.	1.6	20
66	Improving the effect of NaOCl pretreatment on bonding to caries-affected dentin using self-etch adhesives. Journal of Dentistry, 2009, 37, 769-775.	1.7	63
67	Durability of Resin-Dentin Bonds to Water- vs. Ethanol-saturated Dentin. Journal of Dental Research, 2009, 88, 146-151.	2.5	106
68	Effect of simulated pulpal pressure on all-in-one adhesive bond strengths to dentine. Journal of Dentistry, 2007, 35, 207-213.	1.7	24
69	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.	0.7	45
70	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.	0.7	56
71	Influence of hydrostatic pulpal pressure on the microtensile bond strength of all-in-one self-etching adhesives. Journal of Adhesive Dentistry, 2007, 9, 437-42.	0.3	18
72	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