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List of Publications by Year
in descending order

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89 papers	1,172 citations	516710 16 h-index	454955 30 g-index
89 all docs	89 docs citations	89 times ranked	1200 citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of In Vitro Methods Used to Promote Adhesive Interface Degradation: A Critical Review. Journal of Esthetic and Restorative Dentistry, 2007, 19, 340-353.	3.8	166
2	Clinical Comparative Study of the Effectiveness of and Tooth Sensitivity to 10% and 20% Carbamide Peroxide Home-use and 35% and 38% Hydrogen Peroxide In-office Bleaching Materials Containing Desensitizing Agents. Operative Dentistry, 2012, 37, 464-473.	1.2	159
3	Effect of Home-Use and In-Office Bleaching Agents Containing Hydrogen Peroxide Associated with Amorphous Calcium Phosphate on Enamel Microhardness and Surface Roughness. Journal of Esthetic and Restorative Dentistry, 2011, 23, 158-168.	3.8	56
4	Water flow on erbium:yttriumâ€“aluminumâ€“garnet laser irradiation: effects on dental tissues. Lasers in Medical Science, 2009, 24, 811-818.	2.1	51
5	Adhesion to Er:YAG Laser-prepared Dentin After Long-term Water Storage and Thermocycling. Operative Dentistry, 2008, 33, 51-58.	1.2	33
6	Effect of Different Bonding Strategies on Adhesion to Deep and Superficial Permanent Dentin. European Journal of Dentistry, 2010, 04, 110-117.	1.7	33
7	The effects of home-use and in-office bleaching treatments on calcium and phosphorus concentrations in tooth enamel. Journal of the American Dental Association, 2012, 143, 580-586.	1.5	33
8	Effect of green tea extract on bonding durability of an etch-and-rinse adhesive system to caries-affected dentin. Journal of Applied Oral Science, 2016, 24, 211-217.	1.8	31
9	Efficacy of Home-use Bleaching Agents Delivered in Customized or Prefilled Disposable Trays: A Randomized Clinical Trial. Operative Dentistry, 2017, 42, 30-40.	1.2	27
10	Effect of epigallocatechin-3- gallate solutions on bond durability at the adhesive interface in caries-affected dentin. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 91, 398-405.	3.1	25
11	Shear Bond Strength of Resin-modified Glass Ionomer Cements to Er:YAG Laser-treated Tooth Structure. Operative Dentistry, 2006, 31, 212-218.	1.2	24
12	Influence of NaHCO₃ Powder on Translucency of Microfilled Composite Resin Immersed in Different Mouthrinses. Journal of Esthetic and Restorative Dentistry, 2009, 21, 242-248.	3.8	23
13	Influence of natural and synthetic metalloproteinase inhibitors on bonding durability of an etch-and-rinse adhesive to dentin. International Journal of Adhesion and Adhesives, 2013, 47, 83-88.	2.9	22
14	Influence of Chlorhexidine and/or Ethanol Treatment on Bond Strength of an Etch-and-rinse Adhesive to Dentin: An In Vitro and In Situ Study. Operative Dentistry, 2014, 39, 64-71.	1.2	21
15	Nanomechanical properties, SEM, and EDS microanalysis of dentin treated with 2.5% titanium tetrafluoride, before and after an erosive challenge. , 2015, 103, 783-789.		21
16	Enamel Mineral Content Changes After Bleaching With High and Low Hydrogen Peroxide Concentrations: Colorimetric Spectrophotometry and Total Reflection X-ray Fluorescence Analyses. Operative Dentistry, 2017, 42, 308-318.	1.2	19
17	Bond durability in erbium:yttriumâ€“aluminumâ€“garnet laser-irradiated enamel. Lasers in Medical Science, 2010, 25, 155-163.	2.1	17
18	Counteractive effect of antacid suspensions on intrinsic dental erosion. European Journal of Oral Sciences, 2012, 120, 349-352.	1.5	16

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19	Role of lubricants on friction between self-ligating brackets and archwires. Angle Orthodontist, 2014, 84, 1049-1053.	2.4	16
20	Remineralizing effect of commercial fluoride varnishes on artificial enamel lesions. Brazilian Oral Research, 2019, 33, e044.	1.4	16
21	Influence of dentin pretreatment with titanium tetrafluoride and self-etching adhesive systems on microtensile bond strength. American Journal of Dentistry, 2013, 26, 121-6.	0.1	15
22	Micro-shear bond strength and surface micromorphology of a feldspathic ceramic treated with different cleaning methods after hydrofluoric acid etching. Journal of Applied Oral Science, 2014, 22, 85-90.	1.8	14
23	Titanium dioxide nanotubes incorporated into bleaching agents: physicochemical characterization and enamel color change. Journal of Applied Oral Science, 2020, 28, e20190771.	1.8	14
24	Surface roughness evaluation and shade changes of a nanofilled resin composite after bleaching and immersion in staining solutions. American Journal of Dentistry, 2011, 24, 245-9.	0.1	14
25	Resin-dentin bond stability and physical characterization of a two-step self-etching adhesive system associated with TiF 4. Dental Materials, 2017, 33, 1157-1170.	3.5	13
26	Color stability of a bulk-fill composite resin light-cured at different distances. Brazilian Oral Research, 2020, 34, e119.	1.4	13
27	Effect of epigallocatechin gallate, green tea extract and chlorhexidine application on long-term bond strength of self-etch adhesive to dentin. International Journal of Adhesion and Adhesives, 2016, 71, 23-27.	2.9	12
28	Effects of water flow on ablation rate and morphological changes in human enamel and dentin after Er:YAG laser irradiation. American Journal of Dentistry, 2012, 25, 332-6.	0.1	12
29	Evaluation of bond strength of silorane and methacrylate based restorative systems to dentin using different cavity models. Journal of Applied Oral Science, 2013, 21, 452-459.	1.8	11
30	Inhibition of demineralization around the enamel-dentin/restoration interface after dentin pretreatment with TiF4 and self-etching adhesive systems. Clinical Oral Investigations, 2016, 20, 857-863.	3.0	11
31	Effect of Steam Autoclaving on the Tensile Strength of Resin Cements Used for Bonding Two-Piece Zirconia Abutments. Journal of Oral Implantology, 2017, 43, 87-93.	1.0	11
32	Microtensile bond strength of etch-and-rinse and self-etch adhesive systems to demineralized dentin after the use of a papain-based chemomechanical method. American Journal of Dentistry, 2010, 23, 23-8.	0.1	11
33	TiF4 improves microtensile bond strength to dentin when using an adhesive system regardless of primer/bond application timing and method. Clinical Oral Investigations, 2016, 20, 101-108.	3.0	10
34	Titanium tetrafluoride incorporated into a two-step self-etching adhesive system: physico-mechanical characterization and bonding stability. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 75, 197-205.	3.1	10
35	Changes to Glazed Dental Ceramic Shade, Roughness, and Microhardness after Bleaching and Simulated Brushing. Journal of Prosthodontics, 2019, 28, e59-e67.	3.7	10
36	Influence of water flow rate on shear bond strength of resin composite to Er:YAG cavity preparation. American Journal of Dentistry, 2008, 21, 124-8.	0.1	10

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37	Color agreement between nanofluorapatite ceramic discs associated with try-in pastes and with resin cements. Brazilian Oral Research, 2012, 26, 516-522.	1.4	9
38	Effects of 2.5% TiF4 on microtensile bond strength: Influence of application method and degree of dentin mineralization. International Journal of Adhesion and Adhesives, 2014, 54, 159-164.	2.9	9
39	Degradation of orthodontic wires under simulated cariogenic and erosive conditions. Brazilian Oral Research, 2014, 28, 1-6.	1.4	9
40	Lubricating conditions: effects on friction between orthodontic brackets and archwires with different cross-sections. Dental Press Journal of Orthodontics, 2019, 24, 66-72.	0.9	9
41	Morphology and microtensile bond strength of adhesive systems to in situ-formed caries-affected dentin after the use of a papain-based chemomechanical gel method. American Journal of Dentistry, 2011, 24, 13-9.	0.1	8
42	Microtensile bond strength of silorane or methacrylate resin-based composites associated to self-etching or conventional adhesives to dentin after different storage times. International Journal of Adhesion and Adhesives, 2014, 48, 28-34.	2.9	7
43	Antimicrobial Potential of Papain Chemomechanical Agent on Streptococcus Mutans and Lactobacillus Casei Followed by the Use of Self-Etching Adhesive Systems. Journal of Clinical Pediatric Dentistry, 2016, 40, 62-68.	1.0	7
44	Incorporation of chitosan into a universal adhesive system: Physicochemical characteristics, gelatinolytic activity, bond strength and interface micromorphology analyses. International Journal of Adhesion and Adhesives, 2021, 106, 102814.	2.9	7
45	Long-term bond strength of fiber posts cement to dentin with self-adhesive or conventional resin cements. Journal of Adhesion Science and Technology, 2017, 31, 977-987.	2.6	6
46	Anti-erosive effect of calcium carbonate suspensions. Journal of Clinical and Experimental Dentistry, 2018, 10, 0-0.	1.2	6
47	Assessment of frictional resistance and surface roughness in orthodontic wires coated with two different nanoparticles. Microscopy Research and Technique, 2022, 85, 1884-1890.	2.2	6
48	Influence of dentin pretreatment with 2.5% titanium tetrafluoride on inhibiting caries at the tooth-restoration interface in situ. Archives of Oral Biology, 2018, 86, 51-57.	1.8	5
49	Incorporation of EGCG into an etch-and-rinse adhesive system: mechanical properties and bond strength to caries affected dentin. Journal of Adhesion Science and Technology, 2019, 33, 2430-2442.	2.6	5
50	Polyphenol-enriched extract of Arrabidaea chica used as a dentin pretreatment or incorporated into a total-etching adhesive system: Effects on bonding stability and physical characterization. Materials Science and Engineering C, 2020, 116, 111235.	7.3	5
51	Push-out bond strength and failure mode of single adjustable and customized glass fiber posts. Saudi Dental Journal, 2021, 33, 917-922.	1.6	5
52	Effect of 2% chlorhexidine digluconate application and water storage on the bond strength to superficial and deep dentin. Journal of Adhesion Science and Technology, 2015, 29, 1258-1267.	2.6	4
53	Rinsing with antacid suspension reduces hydrochloric acid-induced erosion. Archives of Oral Biology, 2016, 61, 66-70.	1.8	4
54	Effects of caffeic acid phenethyl ester application on dentin MMP-2, stability of bond strength and failure mode of total-etch and self-etch adhesive systems. Archives of Oral Biology, 2018, 94, 16-26.	1.8	4

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55	Effect of sucralfate against hydrochloric acid-induced dental erosion. Clinical Oral Investigations, 2019, 23, 2365-2370.	3.0	4
56	Biomechanical behavior of atrophic maxillary restorations using the all-on-four concept and long trans-sinus implants: A finite element analysis. Journal of Dental Research, Dental Clinics, Dental Prospects, 2021, 15, 106-110.	1.0	4
57	Influence of an arginine-containing toothpaste on bond strength of different adhesive systems to eroded dentin. General Dentistry, 2016, 64, 67-73.	0.4	4
58	Root canal flare: Effect on push-out strength of relined posts. International Journal of Adhesion and Adhesives, 2014, 55, 139-144.	2.9	3
59	Saliva with reduced calcium and phosphorous concentrations: Effect on erosion dental lesions. Oral Diseases, 2018, 24, 957-963.	3.0	3
60	Effect of Fiber Post Cementation Timing on the Bond Strength of Resin Cements in Epoxy Resinâ€“Obturated Canals. International Journal of Periodontics and Restorative Dentistry, 2018, 38, 711-717.	1.0	3
61	Physicochemical characterization, water sorption and solubility of adhesive systems incorporated with titanium tetrafluoride, and its influence on dentin permeability. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 119, 104453.	3.1	3
62	Influence of long-term water storage and thermocycling on shear bond strength of glass-ionomer cement to Er:YAG laser-prepared dentin. Journal of Adhesive Dentistry, 2014, 16, 35-9.	0.5	3
63	TiF4 Incorporated into a Self-etching Primer in Different Concentrations: Antimicrobial Properties and Effects on Demineralisation Inhibition Around the Restoration/Enamel-Dentin Interface. Oral Health & Preventive Dentistry, 2019, 17, 57-67.	0.5	3
64	Mechanical properties of flared root canals restored with fiber post and chemically activated resin: study using push-out bond strength and fracture load tests. Journal of Adhesion Science and Technology, 2016, 30, 1441-1452.	2.6	2
65	Endodontic irrigants effect on long-term intraradicular adhesion of resin cements. Journal of Adhesion Science and Technology, 2017, 31, 2503-2514.	2.6	2
66	Influence of chlorhexidine in cavities prepared with ultrasonic or diamond tips on microtensile bond strength. Journal of Adhesion Science and Technology, 2017, 31, 1133-1141.	2.6	2
67	Effect of cyclic loading and resin cement type used for luting fiber posts on bond strength at different root levels of crown-restored human teeth. Journal of Adhesion Science and Technology, 2017, 31, 261-271.	2.6	2
68	Effect of silane-containing universal adhesive on push-out bond strength of glass fiber post to composite resin and to resin cement/intraradicular dentin. International Journal of Adhesion and Adhesives, 2018, 84, 126-131.	2.9	2
69	Long-term bond strength of glass fiber post to composite resin does not depend on surface treatment with silane coupling agent or universal adhesive. International Journal of Adhesion and Adhesives, 2021, 110, 102931.	2.9	2
70	Addition of EGCG to self-etching primer: effect on adhesive properties and bond stability to dentin. Journal of Adhesion Science and Technology, 2021, 35, 1895-1908.	2.6	2
71	Influence of solvent volatilization time on the physical and mechanical properties of universal adhesive systems and on nanoleakage of the hybrid layer. International Journal of Adhesion and Adhesives, 2022, 113, 103038.	2.9	2
72	Color change after tooth bleaching with ozone and 10% ozonized carbamide peroxide for in-office use. Medical Gas Research, 2022, 12, 100.	2.3	2

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73	Incorporation of ZnCl2 into an etch-and-rinse adhesive system on flexural strength, degree of conversion and bond durability to caries-affected dentin. American Journal of Dentistry, 2019, 32, 299-305.	0.1	2
74	Effects of ionizing radiation and different resin composites on shear strength of ceramic brackets: an in vitro study. Dental Press Journal of Orthodontics, 2022, 27, .	0.9	2
75	Influence of glass fiber post translucency on microhardness and dentin bond strength of resin cement at different root levels. Journal of Adhesion Science and Technology, 2016, 30, 594-606.	2.6	1
76	Effect of different concentrations of green tea extract solutions on bonding durability of etch-and-rinse adhesive system to caries affected dentin. Brazilian Journal of Oral Sciences, 0, 20, e210328.	0.1	1
77	CaracterizaÃ§Ã£o AnalÃtica de Sucos e NÃ©ctares de Laranja AdoÃ§ados com Sacarose e Edulcorantes. Pesquisa Brasileira Em Odontopediatria E Clinica Integrada, 2012, 12, 363-367.	0.9	1
78	Antimicrobial Effect of Arrabidaea chica Polyphenolic Extract Used as Dentin Pre-treatment against Cariogenic Microbiota. European Journal of Medicinal Plants, 0, , 23-29.	0.5	1
79	The biomechanics of the bone and of metal, Zantex and PEEK bars in normal and osteoporotic condition, surrounding implants over protocols: an analysis by the Finite Element Method. Research, Society and Development, 2022, 11, e59111226183.	0.1	1
80	Influence of storage time on bond strength of self-etching adhesive systems to artificially demineralized dentin after a papain gel chemicalâ€“mechanical agent application. International Journal of Adhesion and Adhesives, 2012, 38, 31-37.	2.9	0
81	Effect of chlorhexidine application or Nd:YAG laser irradiation on long-term bond strength of a self-etching adhesive system to dentin. Lasers in Dental Science, 2017, 1, 41-46.	0.6	0
82	The effect of different cementing strategies and adhesive interface aging on microtensile bond strength (Î¼TBS) of lithium disilicate ceramics to dentin. Journal of Adhesion Science and Technology, 2018, 32, 1822-1837.	2.6	0
83	Influence of universal adhesive system application strategies on the long-term bond strength to dentin of CAD-CAM restorative materials. Journal of Adhesion Science and Technology, 2019, 33, 2696-2706.	2.6	0
84	Phenolic extract of Libidibia ferrea inhibits dentin endogenous enzymatic activity depending on the adhesive system strategy. Microscopy Research and Technique, 2021, , .	2.2	0
85	The effect of heat treatment on sliding mechanics of stainless steel orthodontic wires. Brazilian Journal of Oral Sciences, 0, 18, e190285.	0.1	0
86	Do metal alloy primers increase the bond strength of orthodontic tubes?. Brazilian Journal of Oral Sciences, 0, 18, e191406.	0.1	0
87	Effect antioxidants application on microshear bond strength of universal adhesive to bleached enamel. Brazilian Dental Science, 2020, 24, .	0.4	0
88	Polyphenol-enriched extract incorporated into a total-etch adhesive system: Effect on water sorption and solubility, extract compound release and dentin enzymatic activity over time. International Journal of Adhesion and Adhesives, 2022, 113, 103067.	2.9	0
89	Influence of restorative materials on occlusal and internal adaptation of CAD-CAM inlays. Brazilian Journal of Oral Sciences, 0, 21, e228852.	0.1	0