

Lorenzo Breschi

List of Publications by Year in descending order

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Version: 2024-02-01

294
papers

17,503
citations

17440

63
h-index

17588

121
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308
all docs

308
docs citations

308
times ranked

7158
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the activation mode on long-term bond strength and endogenous enzymatic activity of dual-cure resin cements. <i>Clinical Oral Investigations</i> , 2022, 26, 1683-1694.	3.0	14
2	Blood clot stabilization after different mechanical and chemical root treatments: a morphological evaluation using SEM. <i>Journal of Periodontal and Implant Science</i> , 2022, 52, 54.	2.0	1
3	Microbial contamination of resin composites inside their dispensers: An increased risk of cross-infection?. <i>Journal of Dentistry</i> , 2022, 116, 103893.	4.1	4
4	External gap progression after cyclic fatigue of adhesive overlays and crowns made with high translucency zirconia or lithium silicate. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, 34, 557-564.	3.8	31
5	One-year impact of COVID-19 pandemic on Italian dental professionals: a cross-sectional survey. <i>Minerva Dental and Oral Science</i> , 2022, 71, .	1.0	27
6	The influence of selective enamel etch and self-etch mode of universal adhesivesâ€™ application on clinical behavior of composite restorations placed on non-carious cervical lesions: A systematic review and meta-analysis. <i>Dental Materials</i> , 2022, 38, 472-488.	3.5	21
7	Does immediate dentin sealing influence postoperative sensitivity in teeth restored with indirect restorations? A systematic review and meta-analysis. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, 34, 55-64.	3.8	12
8	Bonding interface and dentin enzymatic activity of two universal adhesives applied following different etching approaches. <i>Dental Materials</i> , 2022, 38, 907-923.	3.5	8
9	The Influence of Different Bleaching Protocols on Dentinal Enzymatic Activity: An In Vitro Study. <i>Molecules</i> , 2022, 27, 1684.	3.8	3
10	Biofilm in Endodontics: In Vitro Cultivation Possibilities, Sonic-, Ultrasonic- and Laser-Assisted Removal Techniques and Evaluation of the Cleaning Efficacy. <i>Polymers</i> , 2022, 14, 1334.	4.5	17
11	Evaluation of Fiber Post Adhesion to Root Dentin Achieved with Different ï¿¿Composite Cements: 1-year In Vitro Results.. <i>Journal of Adhesive Dentistry</i> , 2022, 24, 95-104.	0.5	4
12	Modeling Liquids and Resin-Based Dental Composite Materialsâ€™ A Scoping Review. <i>Materials</i> , 2022, 15, 3759.	2.9	8
13	Biological and synthetic template-directed syntheses of mineralized hybrid and inorganic materials. <i>Progress in Materials Science</i> , 2021, 116, 100712.	32.8	35
14	Influenza della traslucenza dellâ€™endocrown sul grado di conversione del cemento duale. <i>Dental Cadmos</i> , 2021, 89, 37.	0.1	0
15	Fatigue failure and success rate of lithium disilicate table-tops as a function of cement thickness. <i>Journal of Prosthodontic Research</i> , 2021, 65, 528-534.	2.8	5
16	Drug Delivery (Nano)Platforms for Oral and Dental Applications: Tissue Regeneration, Infection Control, and Cancer Management. <i>Advanced Science</i> , 2021, 8, 2004014.	11.2	100
17	Biochemical and immunohistochemical analysis of tissue inhibitor of metalloproteinases-1 in human sound dentin. <i>Clinical Oral Investigations</i> , 2021, 25, 5067-5075.	3.0	3
18	Bonding to dentin using an experimental zirconium oxynitrate etchant. <i>Journal of Dentistry</i> , 2021, 108, 103641.	4.1	9

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19	Dentin Cross-linking Effect of Carbodiimide After 5 Years. Journal of Dental Research, 2021, 100, 1090-1098.	5.2	21
20	Zirconia-reinforced lithium silicate (ZLS) mechanical and biological properties: A literature review. Journal of Dentistry, 2021, 109, 103661.	4.1	48
21	Development of di-methacrylate quaternary ammonium monomers with antibacterial activity. Acta Biomaterialia, 2021, 129, 138-147.	8.3	26
22	Endogenous Enzymatic Activity of Primary and Permanent Dentine. Materials, 2021, 14, 4043.	2.9	3
23	Endogenous Enzymatic Activity in Dentin Treated with a Chitosan Primer. International Journal of Molecular Sciences, 2021, 22, 8852.	4.1	4
24	Influence of Curing Time on the Microbiological Behavior of Bulk-Fill Nanohybrid Resin Composites. Polymers, 2021, 13, 2948.	4.5	5
25	Is clinical behavior of composite restorations placed in non-carious cervical lesions influenced by the application mode of universal adhesives? A systematic review and meta-analysis. Dental Materials, 2021, 37, e503-e521.	3.5	29
26	Optical behaviors, surface treatment, adhesion, and clinical indications of zirconia-reinforced lithium silicate (ZLS): A narrative review. Journal of Dentistry, 2021, 112, 103722.	4.1	14
27	The effect of chlorhexidine primer application on the clinical performance of composite restorations: a literature review. Journal of Esthetic and Restorative Dentistry, 2021, 33, 69-77.	3.8	18
28	Clinical Analysis of the Diagnostic Accuracy and Time of Execution of a Transillumination Caries Detection Method Compared to Bitewing Radiographs. Journal of Clinical Medicine, 2021, 10, 4780.	2.4	0
29	Chronological history and current advancements of dental adhesive systems development: a narrative review. Journal of Adhesion Science and Technology, 2021, 35, 1941-1967.	2.6	5
30	Comparison between Hydrofluoric Acid and Single-Component Primer as Conditioners on Resin Cement Adhesion to Lithium Silicate and Lithium Disilicate Glass Ceramics. Materials, 2021, 14, 6776.	2.9	8
31	How Reliable a Bonding Strategy Is the Use of Universal Adhesives?. Compendium of Continuing Education in Dentistry (Jamesburg, N J: 1995), 2021, 42, 496-497.	0.1	0
32	Editorial: Universal adhesives - to etch or not to etch?. Journal of Adhesive Dentistry, 2021, 23, 283.	0.5	0
33	Osteogenic Potential of Fast Set Bioceramic Cements: Molecular and In Vitro Study. Applied Sciences (Switzerland), 2020, 10, 6713.	2.5	2
34	When to intervene in the caries process? A Delphi consensus statement. British Dental Journal, 2020, 229, 474-482.	0.6	21
35	In vivo and in vitro radiotherapy increased dentin enzymatic activity. Journal of Dentistry, 2020, 100, 103429.	4.1	3
36	The Role of Matrix Metalloproteinases in Periodontal Disease. International Journal of Environmental Research and Public Health, 2020, 17, 4923.	2.6	79

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37	Effect of an ethanol cross-linker on universal adhesive. Dental Materials, 2020, 36, 1645-1654.	3.5	17
38	Morphological Characterization of Deciduous Enamel and Dentin in Patients Affected by Osteogenesis Imperfecta. Applied Sciences (Switzerland), 2020, 10, 7835.	2.5	7
39	Effect of shelf-life of a universal adhesive to dentin. International Journal of Adhesion and Adhesives, 2020, 102, 102673.	2.9	16
40	How to Intervene in the Caries Process in Older Adults: A Joint ORCA and EFCD Expert Delphi Consensus Statement. Caries Research, 2020, 54, 459-465.	2.0	24
41	Development of an antibacterial and anti-metalloproteinase dental adhesive for long-lasting resin composite restorations. Journal of Materials Chemistry B, 2020, 8, 10797-10811.	5.8	19
42	How to Intervene in the Caries Process in Children: A Joint ORCA and EFCD Expert Delphi Consensus Statement. Caries Research, 2020, 54, 297-305.	2.0	59
43	Vickers Hardness and Shrinkage Stress Evaluation of Low and High Viscosity Bulk-Fill Resin Composite. Polymers, 2020, 12, 1477.	4.5	27
44	How to intervene in the caries process in adults: proximal and secondary caries? An EFCD-ORCA-DGZ expert Delphi consensus statement. Clinical Oral Investigations, 2020, 24, 3315-3321.	3.0	27
45	Chlorhexidine preserves the hybrid layer in vitro after 10-years aging. Dental Materials, 2020, 36, 672-680.	3.5	38
46	Response to letter to the editor by Jan KÄ¼hnisch. Clinical Oral Investigations, 2020, 24, 2139-2140.	3.0	0
47	Effect of Chitosan as a Cross-Linker on Matrix Metalloproteinase Activity and Bond Stability with Different Adhesive Systems. Marine Drugs, 2020, 18, 263.	4.6	20
48	EFCD Curriculum for undergraduate students in Integrated Conservative Oral Healthcare (ConsCare). Clinical Oral Investigations, 2019, 23, 3661-3670.	3.0	6
49	When to intervene in the caries process? An expert Delphi consensus statement. Clinical Oral Investigations, 2019, 23, 3691-3703.	3.0	105
50	Effect of benzalkonium chloride on dentin bond strength and endogenous enzymatic activity. Journal of Dentistry, 2019, 85, 25-32.	4.1	25
51	Effects of Finish Line Design and Fatigue Cyclic Loading on Phase Transformation of Zirconia Dental Ceramics: A Qualitative Micro-Raman Spectroscopic Analysis. Materials, 2019, 12, 863.	2.9	14
52	Long-term bond strength and endogenous enzymatic activity of a chlorhexidine-containing commercially available adhesive. Journal of Dentistry, 2019, 84, 60-66.	4.1	32
53	Contribution of biomimetic collagen-ligand interaction to intrafibrillar mineralization. Science Advances, 2019, 5, eaav9075.	10.3	79
54	Polymer conjugation optimizes EDTA as a calcium-chelating agent that exclusively removes extrafibrillar minerals from mineralized collagen. Acta Biomaterialia, 2019, 90, 424-440.	8.3	24

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55	Carbodiimide inactivation of matrix metalloproteinases in radicular dentine. Journal of Dentistry, 2019, 82, 56-62.	4.1	13
56	Effect of an experimental etchant on dentin bond-strength over time. Dental Materials, 2019, 35, e11.	3.5	0
57	The role of polymerization in adhesive dentistry. Dental Materials, 2019, 35, e1-e22.	3.5	132
58	Chitosan-Based Extrafibrillar Demineralization for Dentin Bonding. Journal of Dental Research, 2019, 98, 186-193.	5.2	48
59	Effect of Er:YAG and Burs on Coronal Dentin Bond Strength Stability. Journal of Adhesive Dentistry, 2019, 21, 329-335.	0.5	5
60	Molar incisor hypomineralization: supplementary, restorative, orthodontic, and esthetic long-term treatment. Quintessence International, 2019, 50, 412-417.	0.4	3
61	Polymerization: how important is it for adhesive dentistry?. Journal of Adhesive Dentistry, 2019, 21, 98.	0.5	0
62	#Worn_Dentition: The Adhesive Way - See you in Bologna!. Journal of Adhesive Dentistry, 2019, 21, 189.	0.5	0
63	Report from Bologna... on the way to Brazil !. Journal of Adhesive Dentistry, 2019, 21, 289-290.	0.5	0
64	Zymography of Hybrid Layers Created Using Extrafibrillar Demineralization. Journal of Dental Research, 2018, 97, 409-415.	5.2	16
65	Release of ICTP and CTX telopeptides from demineralized dentin matrices: Effect of time, mass and surface area. Dental Materials, 2018, 34, 452-459.	3.5	13
66	Water-associated attributes in the contemporary dentin bonding milieu. Journal of Dentistry, 2018, 74, 79-89.	4.1	20
67	Cross-linking effect on dentin bond strength and MMPs activity. Dental Materials, 2018, 34, 288-295.	3.5	51
68	Dentin bonding systems: From dentin collagen structure to bond preservation and clinical applications. Dental Materials, 2018, 34, 78-96.	3.5	281
69	Experimental use of an acrolein-based primer as collagen cross-linker for dentine bonding. Journal of Dentistry, 2018, 68, 85-90.	4.1	21
70	Biochemical and immunohistochemical identification of MMP-7 in human dentin. Journal of Dentistry, 2018, 79, 90-95.	4.1	9
71	Enzymatic activity of the hybrid layer of irradiated teeth. Dental Materials, 2018, 34, e32-e33.	3.5	0
72	Influence of polymerization time on properties of dual-curing cements in combination with high translucency monolithic zirconia. Journal of Prosthodontic Research, 2018, 62, 468-472.	2.8	29

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73	Optimizing resin-dentin bond stability using a bioactive adhesive with concomitant antibacterial properties and anti-proteolytic activities. <i>Acta Biomaterialia</i> , 2018, 75, 171-182.	8.3	39
74	Lâ€™approccio “sempre meno invasivo”. <i>Dental Cadmos</i> , 2018, 86, 642.	0.1	0
75	WORN DENTITION: THE ADHESIVE WAY Save the date ! Bologna, May 11th - 13th, 2019. <i>Journal of Adhesive Dentistry</i> , 2018, 20, 269.	0.5	0
76	Adhesion at 360° - bond for less invasive dentistry. <i>Journal of Adhesive Dentistry</i> , 2018, 20, 461.	0.5	0
77	IAAD Newsletter. <i>Journal of Adhesive Dentistry</i> , 2018, 20, 562.	0.5	0
78	Effect of a one-step self-etch adhesive on endogenous dentin matrix metalloproteinases. <i>European Journal of Oral Sciences</i> , 2017, 125, 168-172.	1.5	16
79	In vitro <i>Streptococcus mutans</i> biofilm formation on surfaces of chlorhexidine-containing dentin bonding systems. <i>International Journal of Adhesion and Adhesives</i> , 2017, 75, 23-30.	2.9	7
80	Substantivity of Carbodiimide Inhibition on Dentinal Enzyme Activity over Time. <i>Journal of Dental Research</i> , 2017, 96, 902-908.	5.2	31
81	No-waiting dentine self-etch concept “Merit or hype”. <i>Journal of Dentistry</i> , 2017, 62, 54-63.	4.1	26
82	Co-distribution of cysteine cathepsins and matrix metalloproteases in human dentin. <i>Archives of Oral Biology</i> , 2017, 74, 101-107.	1.8	33
83	Academy of Dental Materials guidance on in vitro testing of dental composite bonding effectiveness to dentin/enamel using micro-tensile bond strength (1/4TBS) approach. <i>Dental Materials</i> , 2017, 33, 133-143.	3.5	241
84	Effect of radiotherapy on endogenous matrix metalloproteinases of restored dentin. <i>Dental Materials</i> , 2017, 33, e23.	3.5	0
85	Curing protocol effect on self-adhesive cement adhesion to radicular dentin. <i>Dental Materials</i> , 2017, 33, e72-e73.	3.5	0
86	Adhesive Durability Inside the Root Canal Using Self-adhesive Resin Cements for Luting Fiber Posts. <i>Operative Dentistry</i> , 2017, 42, E167-E176.	1.2	9
87	How Stable is Dentin As a Substrate for Bonding?. <i>Current Oral Health Reports</i> , 2017, 4, 248-257.	1.6	26
88	Effect of pH on dentin protease inactivation by carbodiimide. <i>European Journal of Oral Sciences</i> , 2017, 125, 288-293.	1.5	5
89	Collagen intrafibrillar mineralization as a result of the balance between osmotic equilibrium and electroneutrality. <i>Nature Materials</i> , 2017, 16, 370-378.	27.5	210
90	A Novel Approach to Bone Reconstruction: The Wafer Technique. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2017, 37, 317-325.	1.0	4

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91	Reconstruction of Atrophied Posterior Mandible with an Inlay Technique and Allograft Block: Technical Description and Histologic Case Reports. International Journal of Periodontics and Restorative Dentistry, 2017, 37, 863-870.	1.0	1
92	Role of Chlorhexidine on Long-term Bond Strength of Self-adhesive Composite Cements to Intraradicular Dentin. Journal of Adhesive Dentistry, 2017, 19, 341-348.	0.5	11
93	New adhesives and bonding techniques. Why and when?. The International Journal of Esthetic Dentistry, 2017, 12, 524-535.	0.3	14
94	Past, present, and future of the IAAD. Journal of Adhesive Dentistry, 2017, 19, 535.	0.5	0
95	Soft Tissue Response to Titanium Abutments with Different Surface Treatment: Preliminary Histologic Report of a Randomized Controlled Trial. BioMed Research International, 2016, 2016, 1-7.	1.9	6
96	Degree of Conversion of Self-etch Adhesives: In Situ Micro-Raman Analysis. Operative Dentistry, 2016, 41, 501-510.	1.2	6
97	Cross-linked dry bonding: A new etch-and-rinse technique. Dental Materials, 2016, 32, 1124-1132.	3.5	27
98	Influence of dentin pretreatment with synthetic hydroxyapatite application on the bond strength of fiber posts luted with 10â€methacryloyloxydecyl dihydrogen phosphateâ€containing luting systems. European Journal of Oral Sciences, 2016, 124, 504-509.	1.5	6
99	Effect of Lithium Disilicate Veneers of Different Thickness on the Degree of Conversion and Microhardness of a Light-Curing and a Dual-Curing Cement. International Journal of Prosthodontics, 2016, 29, 384-388.	1.7	36
100	Effect of nanolayering of calcium salts of phosphoric acid ester monomers on the durability of resin-dentin bonds. Acta Biomaterialia, 2016, 38, 190-200.	8.3	49
101	Use of crosslinkers to inactivate dentin MMPs. Dental Materials, 2016, 32, 423-432.	3.5	65
102	Effect of carbodiimide on thermal denaturation temperature of dentin collagen. Dental Materials, 2016, 32, 492-498.	3.5	16
103	The effects of ethanol on the size-exclusion characteristics of type I dentin collagen to adhesive resin monomers. Acta Biomaterialia, 2016, 33, 235-241.	8.3	14
104	Investigation of ethanol infiltration into demineralized dentin collagen fibrils using molecular dynamics simulations. Acta Biomaterialia, 2016, 36, 175-185.	8.3	23
105	Mechanisms of degradation of the hybrid layer in adhesive dentistry and therapeutic agents to improve bond durabilityâ€A literature review. Dental Materials, 2016, 32, e41-e53.	3.5	254
106	Occlusal loading and cross-linking effects on dentin collagen degradation in physiological conditions. Dental Materials, 2016, 32, 192-199.	3.5	17
107	On the stiffness of demineralized dentin matrices. Dental Materials, 2016, 32, 161-170.	3.5	18
108	Evaluation of the In Vitro Effects of Cervical Marginal Relocation Using Composite Resins on the Marginal Quality of CAD/CAM Crowns. Journal of Adhesive Dentistry, 2016, 18, 355-62.	0.5	19

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109	Influence of operator experience on non-carious cervical lesion restorations: Clinical evaluation with different adhesive systems. American Journal of Dentistry, 2016, 29, 33-8.	0.1	13
110	Reconstruction of an Atrophied Posterior Mandible with the Inlay Technique and Allograft Block Versus Allograft Particulate: A Case Report. International Journal of Periodontics and Restorative Dentistry, 2015, 35, e20-e27.	1.0	1
111	Membranes and Bone Substitutes in a One-Stage Procedure for Horizontal Bone Augmentation: A Histologic Double-Blind Parallel Randomized Controlled Trial. International Journal of Periodontics and Restorative Dentistry, 2015, 35, 463-471.	1.0	7
112	Silver-“polysaccharide antimicrobial nanocomposite coating for methacrylic surfaces reduces Streptococcus mutans biofilm formation in vitro. Journal of Dentistry, 2015, 43, 1483-1490.	4.1	33
113	Role of Dentin MMPs in Caries Progression and Bond Stability. Journal of Dental Research, 2015, 94, 241-251.	5.2	275
114	Evaluation of resin/dentin bonded interfaces formed by different adhesive strategies and exposed to NaOCl challenge. International Journal of Adhesion and Adhesives, 2015, 59, 21-26.	2.9	1
115	Water distribution in dentin matrices: Bound vs. unbound water. Dental Materials, 2015, 31, 205-216.	3.5	63
116	Can quaternary ammonium methacrylates inhibit matrix MMPs and cathepsins?. Dental Materials, 2015, 31, e25-e32.	3.5	65
117	Influence of multi-step etch-and-rinse versus self-etch adhesive systems on the post-operative sensitivity in medium-depth carious lesions: An in vivo study. American Journal of Dentistry, 2015, 28, 214-8.	0.1	3
118	Immunocytochemical detection of dentin matrix proteins in primary teeth from patients with dentinogenesis imperfecta associated with osteogenesis imperfecta. European Journal of Histochemistry, 2014, 58, 2405.	1.5	15
119	Adopting the Principles of Collagen Biomineralization for Intrafibrillar Infiltration of Yttria-stabilized Zirconia into Three-dimensional Collagen Scaffolds. Advanced Functional Materials, 2014, 24, 1895-1903.	14.9	22
120	Adhesive performance of a multi-mode adhesive system: 1-Year in vitro study. Journal of Dentistry, 2014, 42, 603-612.	4.1	177
121	Use of Methacrylate-Modified Chitosan to Increase the Durability of Dentine Bonding Systems. Biomacromolecules, 2014, 15, 4606-4613.	5.4	65
122	Hydrophilicity of dentin bonding systems influences in vitro Streptococcus mutans biofilm formation. Dental Materials, 2014, 30, 926-935.	3.5	23
123	Carbodiimide Inactivation of MMPs and Effect on Dentin Bonding. Journal of Dental Research, 2014, 93, 263-268.	5.2	93
124	Effects of MMP inhibitors blended within dental adhesives. Dental Materials, 2014, 30, e164.	3.5	0
125	The inhibitory effects of quaternary ammonium methacrylates on cysteine cathepsins. Dental Materials, 2014, 30, e154-e155.	3.5	0
126	Effect of Double-layer Application on Dentin Bond Durability of One-step Self-etch Adhesives. Operative Dentistry, 2014, 39, 416-426.	1.2	44

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127	Effects of quaternary ammonium-methacrylates on the mechanical properties of unfilled resins. Dental Materials, 2014, 30, 1213-1223.	3.5	19
128	Stabilization of dentin matrix after cross-linking treatments, in vitro. Dental Materials, 2014, 30, 227-233.	3.5	81
129	Biomimetic remineralization of dentin. Dental Materials, 2014, 30, 77-96.	3.5	209
130	The effects of two 10% carbamide peroxide nightguard bleaching agents, with and without desensitizer, on enamel and sensitivity: an <i>in vivo</i> study. International Journal of Dental Hygiene, 2014, 12, 115-120.	1.9	25
131	Inhibition of endogenous human dentin MMPs by Gluma. Dental Materials, 2014, 30, 752-758.	3.5	28
132	The importance of size-exclusion characteristics of type I collagen in bonding to dentin matrices. Acta Biomaterialia, 2013, 9, 9522-9528.	8.3	58
133	Strategies to prevent hydrolytic degradation of the hybrid layer—A review. Dental Materials, 2013, 29, 999-1011.	3.5	313
134	Effect of carbodiimide (EDC) on the bond stability of etch-and-rinse adhesive systems. Dental Materials, 2013, 29, 1040-1047.	3.5	90
135	The effect of dimethyl sulfoxide (DMSO) on dentin bonding and nanoleakage of etch-and-rinse adhesives. Dental Materials, 2013, 29, 1055-1062.	3.5	66
136	Influence of ageing on self-etch adhesives: one-step vs. two-step systems. European Journal of Oral Sciences, 2013, 121, 43-49.	1.5	29
137	Multiphase Intrafibrillar Mineralization of Collagen. Angewandte Chemie - International Edition, 2013, 52, 5762-5766.	13.8	42
138	Overview of Clinical Alternatives to Minimize the Degradation of the Resin-dentin Bonds. Operative Dentistry, 2013, 38, E103-E127.	1.2	62
139	Optimizing dentin bond durability: Control of collagen degradation by matrix metalloproteinases and cysteine cathepsins. Dental Materials, 2013, 29, 116-135.	3.5	379
140	Effect of Phosphoric Acid on the Degradation of Human Dentin Matrix. Journal of Dental Research, 2013, 92, 87-91.	5.2	95
141	Active application of liquid etching agent improves adhesion of fibre posts to intraradicular dentine. International Endodontic Journal, 2013, 46, 1039-1045.	5.0	22
142	Effects of Etch-and-Rinse and Self-etch Adhesives on Dentin MMP-2 and MMP-9. Journal of Dental Research, 2013, 92, 82-86.	5.2	143
143	Expression of Procollagen A1 Type I Induced by Two Different Dentine Bonding Systems in Human Pulp Fibroblasts. European Journal of Inflammation, 2013, 11, 559-564.	0.5	0
144	Dentin matrix protein 1 and dentin sialophosphoprotein in human sound and carious teeth: an immunohistochemical and colorimetric assay. European Journal of Histochemistry, 2013, 57, 32.	1.5	18

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145	Fence Technique: Guided Bone Regeneration for Extensive Three- Dimensional Augmentation. International Journal of Periodontics and Restorative Dentistry, 2013, 33, 129-136.	1.0	10
146	Influence of MDPB-containing primer on Streptococcus mutans biofilm formation in simulated Class I restorations. Journal of Adhesive Dentistry, 2013, 15, 431-8.	0.5	20
147	Aging affects the adhesive interface of posts luted with self-adhesive cements: a 1-year study. Journal of Adhesive Dentistry, 2013, 15, 173-80.	0.5	10
148	Chlorhexidine application to stabilize the adhesive interface: why and how?. Journal of Adhesive Dentistry, 2013, 15, 492.	0.5	8
149	MMP Activity in the Hybrid Layer Detected with <i>in situ</i> Zymography. Journal of Dental Research, 2012, 91, 467-472.	5.2	164
150	Carbodiimide Cross-linking Inactivates Soluble and Matrix-bound MMPs, <i>in vitro</i> . Journal of Dental Research, 2012, 91, 192-196.	5.2	98
151	Interfacial nanoleakage and internal cement thickness of three esthetic crown systems. Dental Materials, 2012, 28, 1105-1111.	3.5	6
152	Degree of conversion of two-step etch-and-rinse adhesives: In situ micro-Raman analysis. Journal of Dentistry, 2012, 40, 711-717.	4.1	25
153	Chlorhexidine Inhibits the Activity of Dental Cysteine Cathepsins. Journal of Dental Research, 2012, 91, 420-425.	5.2	186
154	A Randomized Controlled Trial of Endodontically Treated and Restored Premolars. Journal of Dental Research, 2012, 91, S72-S78.	5.2	153
155	Electrical properties of resin monomers used in restorative dentistry. Dental Materials, 2012, 28, 1024-1031.	3.5	12
156	Kinetics of polymerization and contraction stress development in self-adhesive resin cements. Dental Materials, 2012, 28, 1032-1039.	3.5	54
157	Push-out bond strength and SEM evaluation of a new bonding approach into the root canal. Journal of Applied Oral Science, 2012, 20, 613-619.	1.8	6
158	Leucite-reinforced glass ceramic inlays luted with self-adhesive resin cement: A 2-year in vivo study. Dental Materials, 2012, 28, 535-540.	3.5	40
159	Influence of preliminary etching on the stability of bonds created by one-step self-etch bonding systems. European Journal of Oral Sciences, 2012, 120, 239-248.	1.5	30
160	Influence of post type on degree of conversion of a resin-based luting agent. American Journal of Dentistry, 2012, 25, 17-20.	0.1	6
161	Effect of ozone application on the immediate shear bond strength and microleakage of dental sealants. Pediatric Dentistry (discontinued), 2012, 34, 284-8.	0.4	1
162	Matrix Metalloproteinase-2 Expression Induced by Two Different Adhesive Systems on Human Pulp Fibroblasts. Journal of Endodontics, 2011, 37, 1663-1667.	3.1	13

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163	The anti-MMP activity of benzalkonium chloride. Journal of Dentistry, 2011, 39, 57-64.	4.1	127
164	ElectroBond application may improve wetting characteristics of etched dentine. Journal of Dentistry, 2011, 39, 180-186.	4.1	10
165	Immunohistochemical and biochemical assay of MMP-3 in human dentine. Journal of Dentistry, 2011, 39, 231-237.	4.1	76
166	MMP-2 assay within the hybrid layer created by a two-step etch-and-rinse adhesive: Biochemical and immunohistochemical analysis. Journal of Dentistry, 2011, 39, 470-477.	4.1	55
167	Contraction stress, elastic modulus, and degree of conversion of three flowable composites. European Journal of Oral Sciences, 2011, 119, 241-245.	1.5	22
168	State of the art etch-and-rinse adhesives. Dental Materials, 2011, 27, 1-16.	3.5	785
169	The use of sodium trimetaphosphate as a biomimetic analog of matrix phosphoproteins for remineralization of artificial caries-like dentin. Dental Materials, 2011, 27, 465-477.	3.5	88
170	Inhibition of MMPs by alcohols. Dental Materials, 2011, 27, 926-933.	3.5	40
171	Effects of pH, ionic strength, and applied voltage on migration of dental monomers in an organic matrix. Dental Materials, 2011, 27, 1180-1186.	3.5	2
172	Infiltration of Silica Inside Fibrillar Collagen. Angewandte Chemie - International Edition, 2011, 50, 11688-11691.	13.8	57
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