

# Jorge Perdigao

## List of Publications by Year in descending order

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138  
papers

6,711  
citations

57719

44  
h-index

66879

78  
g-index

146  
all docs

146  
docs citations

146  
times ranked

3079  
citing authors

#	ARTICLE	IF	CITATIONS
1	The clinical performance of adhesives. Journal of Dentistry, 1998, 26, 1-20.	1.7	409
2	Dentin bonding—Variables related to the clinical situation and the substrate treatment. Dental Materials, 2010, 26, e24-e37.	1.6	246
3	Field emission SEM comparison of four postfixation drying techniques for human dentin. Journal of Biomedical Materials Research Part B, 1995, 29, 1111-1120.	3.0	238
4	A New Universal Simplified Adhesive: 18-Month Clinical Evaluation. Operative Dentistry, 2014, 39, 113-127.	0.6	211
5	Clinical Performance of Vital Bleaching Techniques. Operative Dentistry, 2010, 35, 3-10.	0.6	201
6	“No-bottle”™ vs “multi-bottle”™ dentin adhesives—a microtensile bond strength and morphological study. Dental Materials, 2001, 17, 373-380.	1.6	198
7	The effect of silane on the bond strengths of fiber posts. Dental Materials, 2006, 22, 752-758.	1.6	168
8	Bonding Characteristics of Self-etching Adhesives to Intact versus Prepared Enamel. Journal of Esthetic and Restorative Dentistry, 2003, 15, 32-42.	1.8	166
9	Dentin Adhesion and MMPs: A Comprehensive Review. Journal of Esthetic and Restorative Dentistry, 2013, 25, 219-241.	1.8	156
10	Morphological field emission-SEM study of the effect of six phosphoric acid etching agents on human dentin. Dental Materials, 1996, 12, 262-271.	1.6	155
11	New Developments in Dental Adhesion. Dental Clinics of North America, 2007, 51, 333-357.	0.8	152
12	A new universal simplified adhesive: 36-Month randomized double-blind clinical trial. Journal of Dentistry, 2015, 43, 1083-1092.	1.7	152
13	Total-etch versus self-etch adhesive. Journal of the American Dental Association, 2003, 134, 1621-1629.	0.7	148
14	Effect of a sodium hypochlorite gel on dentin bonding. Dental Materials, 2000, 16, 311-323.	1.6	138
15	Universal dental adhesives: Current status, laboratory testing, and clinical performance. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 2121-2131.	1.6	137
16	In vitro Bond Strengths and SEM Evaluation of Dentin Bonding Systems to Different Dentin Substrates. Journal of Dental Research, 1994, 73, 44-55.	2.5	114
17	Current perspectives on dental adhesion: (1) Dentin adhesion “not there yet. Japanese Dental Science Review, 2020, 56, 190-207.	2.0	109
18	Does active application of universal adhesives to enamel in self-etch mode improve their performance?. Journal of Dentistry, 2015, 43, 1060-1070.	1.7	105

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19	Effects of solvent evaporation time on immediate adhesive properties of universal adhesives to dentin. <i>Dental Materials</i> , 2014, 30, 1126-1135.	1.6	103
20	A New Universal Simplified Adhesive: 6â€Month Clinical Evaluation. <i>Journal of Esthetic and Restorative Dentistry</i> , 2013, 25, 55-69.	1.8	97
21	In vivo Influence of Residual Moisture on Microtensile Bond Strengths of One-Bottle Adhesives. <i>Journal of Esthetic and Restorative Dentistry</i> , 2002, 14, 31-38.	1.8	95
22	Influence of a hydrophobic resin coating on the bonding efficacy of three universal adhesives. <i>Journal of Dentistry</i> , 2014, 42, 595-602.	1.7	95
23	Effect of Whitening Agents on Dentin Bonding. <i>Journal of Esthetic and Restorative Dentistry</i> , 2000, 12, 264-270.	1.8	94
24	Laboratory bonding ability of a multi-purpose dentin adhesive. <i>American Journal of Dentistry</i> , 2012, 25, 153-8.	0.1	94
25	Effects of surface treatment and bonding agents on bond strength of composite resin to porcelain. <i>Journal of Prosthetic Dentistry</i> , 1993, 70, 118-120.	1.1	92
26	The Effect of Dowel Space on the Bond Strengths of Fiber Posts. <i>Journal of Prosthodontics</i> , 2007, 16, 154-164.	1.7	91
27	The effect of a re-wetting agent on dentin bonding. <i>Dental Materials</i> , 1999, 15, 282-295.	1.6	88
28	Adhesive dentistry: Current concepts and clinical considerations. <i>Journal of Esthetic and Restorative Dentistry</i> , 2021, 33, 51-68.	1.8	88
29	Eighteen-month clinical evaluation of a filled and unfilled dentin adhesive. <i>Journal of Dentistry</i> , 2001, 29, 1-6.	1.7	84
30	In Vitro Bonding Performance of Self-etch Adhesives: Ilâ€™Ultramorphological Evaluation. <i>Operative Dentistry</i> , 2008, 33, 534-549.	0.6	84
31	Immediate Adhesive Properties to Dentin and Enamel of a Universal Adhesive Associated With a Hydrophobic Resin Coat. <i>Operative Dentistry</i> , 2014, 39, 489-499.	0.6	83
32	Influence of a hydrophobic resin coating on the immediate and 6-month dentin bonding of three universal adhesives. <i>Dental Materials</i> , 2015, 31, e236-e246.	1.6	81
33	Randomized Clinical Trial of Four Adhesion Strategies: 18-Month Results. <i>Operative Dentistry</i> , 2012, 37, 3-11.	0.6	78
34	Dentin bonding as a function of dentin structure. <i>Dental Clinics of North America</i> , 2002, 46, 277-301.	0.8	77
35	Universal Adhesives. <i>Journal of Esthetic and Restorative Dentistry</i> , 2015, 27, 331-334.	1.8	72
36	Five-year clinical evaluation of a universal adhesive: A randomized double-blind trial. <i>Dental Materials</i> , 2020, 36, 1474-1485.	1.6	70

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37	Effect of acid etching and collagen removal on dentin wettability and roughness. , 1999, 47, 198-203.		68
38	The use of flowable composites as filled adhesives. Dental Materials, 2002, 18, 227-238.	1.6	68
39	Reliability of Fiber Post Bonding to Root Canal Dentin After Simulated Clinical Function In Vitro. Operative Dentistry, 2012, 37, 397-405.	0.6	63
40	Push-out bond strengths of tooth-colored posts bonded with different adhesive systems. American Journal of Dentistry, 2004, 17, 422-6.	0.1	61
41	In vitro bonding performance of all-in-one adhesives. Part I--microtensile bond strengths. Journal of Adhesive Dentistry, 2006, 8, 367-73.	0.3	58
42	Clinical evaluation of two one-bottle dentin adhesives at three years. Journal of the American Dental Association, 2001, 132, 1117-1123.	0.7	56
43	Microshear Bond Strength of Resin Cements to Lithium Disilicate Substrates as a Function of Surface Preparation. Operative Dentistry, 2015, 40, 524-532.	0.6	56
44	Universal or Multi-mode Adhesives: Why and How?. Journal of Adhesive Dentistry, 2014, 16, 193-4.	0.3	54
45	In vitro interfacial relationship between human dentin and one-bottle dental adhesives. Dental Materials, 1997, 13, 218-227.	1.6	51
46	Interfacial Adaptation of Adhesive Materials to Root Canal Dentin. Journal of Endodontics, 2007, 33, 259-263.	1.4	45
47	Randomized Clinical Trial of Two Resin-Modified Glass Ionomer Materials: 1-year Results. Operative Dentistry, 2012, 37, 591-601.	0.6	45
48	Clinical Evaluation of a Low-shrinkage Composite in Posterior Restorations: One-Year Results. Operative Dentistry, 2012, 37, 117-129.	0.6	43
49	Enamel bond strengths of pairs of adhesives from the same manufacturer. Operative Dentistry, 2005, 30, 492-9.	0.6	42
50	New trends in dentin/enamel adhesion. American Journal of Dentistry, 2000, 13, 25D-30D.	0.1	41
51	Effect of a hydrophobic bonding resin on the 36-month performance of a universal adhesive—a randomized clinical trial. Clinical Oral Investigations, 2020, 24, 765-776.	1.4	39
52	A New Hybrid Motion Planner: Applied in a Brain-Actuated Robotic Wheelchair. IEEE Robotics and Automation Magazine, 2016, 23, 82-93.	2.2	38
53	Clinical performance of a self-etching adhesive at 18 months. American Journal of Dentistry, 2005, 18, 135-40.	0.1	37
54	Dentin proteoglycans: An immunocytochemical FEISEM study. Journal of Biomedical Materials Research Part B, 2002, 61, 40-46.	3.0	36

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55	Immunocytochemical identification of type I collagen in acid-etched dentin. <i>Journal of Biomedical Materials Research - Part A</i> , 2003, 66A, 764-769.	2.1	32
56	Two-year clinical evaluation of self-etching adhesives in posterior restorations. <i>Journal of Adhesive Dentistry</i> , 2009, 11, 149-59.	0.3	31
57	Effect of Substrate Age and Adhesive Composition on Dentin Bonding. <i>Operative Dentistry</i> , 2013, 38, 267-274.	0.6	30
58	Resin infiltration of enamel white spot lesions: An ultramorphological analysis. <i>Journal of Esthetic and Restorative Dentistry</i> , 2020, 32, 317-324.	1.8	30
59	Laboratory Evaluation and Clinical Application of a New One-Bottle Adhesive. <i>Journal of Esthetic and Restorative Dentistry</i> , 1999, 11, 23-35.	1.8	29
60	Effect of MDP-containing Silane and Adhesive Used Alone or in Combination on the Long-term Bond Strength and Chemical Interaction with Lithium Disilicate Ceramics. <i>Journal of Adhesive Dentistry</i> , 2017, 19, 203-212.	0.3	29
61	Dentin Bond Strengths of Four Adhesion Strategies after Thermal Fatigue and 6-Month Water Storage. <i>Journal of Esthetic and Restorative Dentistry</i> , 2012, 24, 345-355.	1.8	28
62	Digital versus conventional impressions for full-coverage restorations. <i>Journal of the American Dental Association</i> , 2018, 149, 139-147.e1.	0.7	28
63	Two-year clinical evaluation of proanthocyanidins added to a two-step etch-and-rinse adhesive. <i>Journal of Dentistry</i> , 2019, 81, 7-16.	1.7	28
64	Two-Year Clinical Performance of a Low-Shrinkage Composite in Posterior Restorations. <i>Operative Dentistry</i> , 2013, 38, 591-600.	0.6	27
65	Effects of Different Re-Wetting Techniques on Dentin Shear Bond Strengths. <i>Journal of Esthetic and Restorative Dentistry</i> , 2000, 12, 85-96.	1.8	26
66	Microtensile adhesion of sealants to intact enamel. <i>International Journal of Paediatric Dentistry</i> , 2005, 15, 342-348.	1.0	26
67	Repair bond strength and nanoleakage of artificially aged CAD-CAM composite resin. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 523-530.	1.1	26
68	Randomized clinical trials of dental bleaching – Compliance with the CONSORT Statement: a systematic review. <i>Brazilian Oral Research</i> , 2017, 31, e60.	0.6	25
69	Laboratory Performance of Universal Adhesive Systems for Luting CAD/CAM Restorative Materials. <i>Journal of Adhesive Dentistry</i> , 2016, 18, 331-40.	0.3	25
70	One-year clinical performance of self-etch adhesives in posterior restorations. <i>American Journal of Dentistry</i> , 2007, 20, 125-33.	0.1	25
71	Prevention of Root Surface Caries Using a Dental Adhesive. <i>Journal of the American Dental Association</i> , 1994, 125, 571-576.	0.7	24
72	Effect of self-curing activators and curing protocols on adhesive properties of universal adhesives bonded to dual-cured composites. <i>Dental Materials</i> , 2017, 33, 775-787.	1.6	23

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73	Microleakage of Class V composites using different placement and curing techniques: an in vitro study. <i>American Journal of Dentistry</i> , 2002, 15, 244-7.	0.1	23
74	Influence of NaOCl deproteinization on shear bond strength in function of dentin depth. <i>American Journal of Dentistry</i> , 2002, 15, 252-5.	0.1	23
75	Chemical Adhesion of Polyalkenoate-based Adhesives to Hydroxyapatite. <i>Journal of Adhesive Dentistry</i> , 2016, 18, 257-65.	0.3	22
76	The study of a commercial dental resin by 1H stray-field magnetic resonance imaging. <i>Polymer</i> , 2001, 42, 8051-8054.	1.8	21
77	Degradation of dental ZrO <sub>2</sub> -based materials after hydrothermal fatigue. Part I: XRD, XRF, and FESEM analyses. <i>Dental Materials Journal</i> , 2012, 31, 256-265.	0.8	21
78	Effect of Artificial Aging and Surface Treatment on Bond Strengths to Dental Zirconia. <i>Operative Dentistry</i> , 2013, 38, 168-176.	0.6	20
79	Eighteen-month clinical evaluation of two dentin adhesives applied on dry vs moist dentin. <i>Journal of Adhesive Dentistry</i> , 2005, 7, 253-8.	0.3	20
80	Effect of Dentin Conditioning Time on Nanoleakage. <i>Operative Dentistry</i> , 2006, 31, 500-511.	0.6	19
81	Long-term In Vitro Adhesion of Polyalkenoate-based Adhesives to Dentin. <i>Journal of Adhesive Dentistry</i> , 2017, 19, 305-316.	0.3	19
82	Free-electron laser etching of dental enamel. <i>Journal of Dentistry</i> , 2001, 29, 347-353.	1.7	18
83	Prefabricated Composite Resin Veneers – A Clinical Review. <i>Journal of Esthetic and Restorative Dentistry</i> , 2014, 26, 302-313.	1.8	17
84	Dental whitening--revisiting the myths. <i>Northwest Dentistry</i> , 2010, 89, 19-21, 23-6.	0.1	17
85	Shear Bond Strengths of One-Bottle Adhesives to Moist Enamel. <i>Journal of Esthetic and Restorative Dentistry</i> , 1999, 11, 103-107.	1.8	16
86	Post-op Sensitivity with Direct Composite Restorations. <i>Journal of Esthetic and Restorative Dentistry</i> , 2013, 25, 284-288.	1.8	16
87	Randomized Clinical Trial of Four Adhesion Strategies in Posterior Restorations – 18-Month Results. <i>Journal of Esthetic and Restorative Dentistry</i> , 2015, 27, 107-117.	1.8	15
88	Two-year clinical evaluation of a proanthocyanidins-based primer in non-carious cervical lesions: A double-blind randomized clinical trial. <i>Journal of Dentistry</i> , 2020, 96, 103325.	1.7	15
89	Nanoleakage of luting agents for bonding fiber posts after thermomechanical fatigue. <i>Journal of Adhesive Dentistry</i> , 2011, 13, 61-9.	0.3	15
90	A critical analysis of research methods and experimental models to study the load capacity and clinical behaviour of the root filled teeth. <i>International Endodontic Journal</i> , 2022, 55, 471-494.	2.3	14

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91	Prefabricated veneers - bond strengths and ultramorphological analyses. Journal of Adhesive Dentistry, 2014, 16, 137-46.	0.3	14
92	Bond strengths of tooth-colored posts, effect of sealer, dentin adhesive, and root region. American Journal of Dentistry, 2003, 16 Spec No, 31A-36A.	0.1	13
93	Contemporary trends and techniques in tooth whitening: a review. Practical Procedures & Aesthetic Dentistry: PPAAD, 2004, 16, 185-92; quiz 194.	0.0	12
94	Effect of an additional bonding resin on the 5-year performance of a universal adhesive: a randomized clinical trial. Clinical Oral Investigations, 2023, 27, 837-848.	1.4	12
95	Postoperative sensitivity in posterior resin composite restorations with prior application of a glutaraldehyde-based desensitizing solution: A randomized clinical trial. Journal of Dentistry, 2022, 117, 1039-18.	1.7	11
96	DENTIN/ENAMEL BONDING. Journal of Esthetic and Restorative Dentistry, 2010, 22, 82-85.	1.8	10
97	Fundamental Concepts of Enamel and Dentin Adhesion. , 2019, , 136-169.		10
98	Effect of solvent and rewetting time on dentin adhesion. Quintessence International, 2001, 32, 385-90.	0.1	10
99	The effect of adhesive and flowable composite on postoperative sensitivity: 2-week results. Quintessence International, 2004, 35, 777-84.	0.1	9
100	Influence of conditioning time on enamel adhesion. Quintessence International, 2006, 37, 35-41.	0.1	8
101	Shear Bond Strengths of One-Bottle Adhesives to Oil-Contaminated Enamel. Journal of Esthetic and Restorative Dentistry, 2000, 12, 139-145.	1.8	7
102	Sealing Ability of Three Fiber Dowel Systems. Journal of Prosthodontics, 2009, 18, 566-576.	1.7	7
103	In vitro enamel sealing of self-etch adhesives. Quintessence International, 2009, 40, 225-33.	0.3	7
104	Universal adhesives and dual-cured core buildup composite material: adhesive properties. Journal of Applied Oral Science, 2020, 28, e20200121.	0.7	6
105	Does Tack Curing Luting Cements Affect the Final Cure?. Journal of Adhesive Dentistry, 2017, 19, 239-243.	0.3	6
106	Six-month clinical evaluation of two dentin adhesives applied on dry vs moist dentin. Journal of Adhesive Dentistry, 2001, 3, 343-52.	0.3	6
107	Masking of Enamel Fluorosis Discolorations and Tooth Misalignment With a Combination of At-Home Whitening, Resin Infiltration, and Direct Composite Restorations. Operative Dentistry, 2017, 42, 347-356.	0.6	5
108	Influence of acid etching and enamel beveling on the 6-month clinical performance of a self-etch dentin adhesive. Compendium of Continuing Education in Dentistry (Jamesburg, NJ: 1995), 2004, 25, 33-4, 36-8, 40 passim; quiz 46-7.	0.1	5

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109	Dentin bond strengths of simplified adhesives: effect of dentin depth. Compendium of Continuing Education in Dentistry (Jamesburg, NJ: 1995), 2006, 27, 340-5; quiz 346.	0.1	5
110	Effect of instrument lubricant on the cohesive strength of a hybrid resin composite. Quintessence International, 2006, 37, 621-5.	0.1	5
111	Bonding ability of three ethanol-based adhesives after thermal fatigue. American Journal of Dentistry, 2011, 24, 159-64.	0.1	5
112	Quantitative Sensory Testing of the Effect of Desensitizing Treatment After Dental Bleaching. Acta Odontológica Latinoamericana: AOL, 2015, 28, 263-70.	0.1	5
113	IMMEDIATE DENTIN SEALING: A FUNDAMENTAL PROCEDURE FOR INDIRECT BONDED RESTORATIONS. Journal of Esthetic and Restorative Dentistry, 2005, 17, 155-155.	1.8	4
114	Direct Resin-Based Composite Restorations – Clinical Challenges. Journal of Adhesion Science and Technology, 2009, 23, 1201-1214.	1.4	4
115	Efficiency and effectiveness of fiber post removal using 3 techniques. Quintessence International, 2007, 38, 663-70.	0.3	4
116	Microtensile bond strengths and interfacial examination of a polyalkenoate-based 1-step adhesive. American Journal of Dentistry, 2011, 24, 215-20.	0.1	4
117	Bond strength and nanoroughness assessment on human pretreated cementum surfaces. Journal of Dentistry, 2010, 38, 678-685.	1.7	3
118	Intracoronaral Whitening of Endodontically Treated Teeth. , 2016, , 169-197.		3
119	In vitro sealing potential of a self-adhesive pit and fissure sealant. Quintessence International, 2011, 42, e65-73.	0.3	3
120	At-Home Tooth Whitening. , 2016, , 101-143.		2
121	Use of a tooth-colored post for anterior restorations. Northwest Dentistry, 2002, 81, 13-7.	0.1	2
122	Composite resin restorations–natural aesthetic and dynamics of light. Practical Procedures & Aesthetic Dentistry: PPAD, 2003, 15, 657-64; quiz 666.	0.0	2
123	Fiber-Reinforced Resin Posts (Fiber Posts). , 2016, , 101-136.		1
124	Advances in dentin adhesion. Compendium of Continuing Education in Dentistry (Jamesburg, NJ: 1995), 2003, 24, 10-6; quiz 61.	0.1	1
125	Restoring teeth with prefabricated fiber-reinforced resin posts. Practical Procedures & Aesthetic Dentistry: PPAD, 2007, 19, 359-64; quiz 365.	0.0	1
126	Fourteen years later!. Journal of Adhesive Dentistry, 2016, 18, 279-80.	0.3	1



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127	ENAMEL BONDING. Journal of Esthetic and Restorative Dentistry, 1998, 10, 43-48.	1.8	0
128	Effect of "Stress-Absorbing" Dentin Adhesives on the Interaction of Composites with Human Dentin an SEM Study.. Microscopy and Microanalysis, 1998, 4, 944-945.	0.2	0
129	Perspectives.. Journal of Esthetic and Restorative Dentistry, 2002, 14, 327-328.	1.8	0
130	INFLUENCE OF CAVITY CONFIGURATION ON MICROLEAKAGE AROUND CLASS V RESTORATIONS BONDED WITH SEVEN SELF-ETCHING ADHESIVES. Journal of Esthetic and Restorative Dentistry, 2004, 16, 136-136.	1.8	0
131	COMMENTARY.. Journal of Esthetic and Restorative Dentistry, 2006, 18, 154-154.	1.8	0
132	COMMENTARY. Enamel and Dentin Bond Strengths of a New Self-Etch Adhesive System1. Journal of Esthetic and Restorative Dentistry, 2011, 23, 397-398.	1.8	0
133	Enamel and dentin bonding for adhesive restorations. , 2013, , 45-89.		0
134	At-Home Tray Whitening and Direct Resin-Based Composite Restorations. , 2016, , 247-255.		0
135	At-Home Tray Whitening and Enamel Microabrasion. , 2016, , 233-238.		0
136	Localized discoloration of central incisors: a case report. Practical Procedures & Aesthetic Dentistry: PPAD, 2006, 18, 656, 658, 660.	0.0	0
137	Predictable cementation of esthetic restorations: part I–principles of adhesion. Practical Procedures & Aesthetic Dentistry: PPAD, 2007, 19, 1-6.	0.0	0
138	Restoring teeth with prefabricated fiber-reinforced resin posts. Northwest Dentistry, 2009, 88, 16-7, 19-22.	0.1	0