

# Jack L Ferracane

## List of Publications by Year in descending order

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Version: 2024-02-01

275  
papers

20,295  
citations

9234

74  
h-index

12233

133  
g-index

280  
all docs

280  
docs citations

280  
times ranked

8444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Performance of CAD/CAM Monolithic Lithium Disilicate Implant-Supported Single Crowns Using Solid or Predrilled Blocks in a Fully Digital Workflow: A Retrospective Cohort Study With Up To 33 Months of Follow Up. <i>Journal of Prosthodontics</i> , 2022, 31, 38-44.	1.7	2
2	Outcomes of treatment and monitoring of posterior teeth with cracks: three-year results from the National Dental Practice-Based Research Network. <i>Clinical Oral Investigations</i> , 2022, 26, 2453-2463.	1.4	4
3	Development and maintenance of surface gloss of dental composites after polishing and brushing: Review of the literature. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, 34, 15-41.	1.8	18
4	Impact of Postthrombotic Vein Wall Biomechanics on Luminal Flow during Venous Angioplasty and Stent Placement: Computational Modeling Results. <i>Journal of Vascular and Interventional Radiology</i> , 2022, 33, 262-267.	0.2	0
5	Endovascular Venous Stenosis and Thrombosis Large Animal Model: Angiographic, Histological, and Biomechanical Characterizations. <i>Journal of Vascular and Interventional Radiology</i> , 2022, 33, 255-261.e2.	0.2	1
6	Effect of ethyl cellulose coating as an evaluation agent against contamination on the bond strength of zirconia restorations: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 766.e1-766.e9.	1.1	3
7	Caveat emptor when purchasing dental products online. <i>Journal of the American Dental Association</i> , 2022, 153, 196-199.	0.7	1
8	Onset and resolution of pain among treated and untreated posterior teeth with a visible crack: Three-year findings from the national dental practice-based research network. <i>Journal of Dentistry</i> , 2022, 119, 104078.	1.7	3
9	Real-time monitoring of the pH microenvironment at the interface of multispecies biofilm and dental composites. <i>Analytica Chimica Acta</i> , 2022, 1201, 339589.	2.6	5
10	Probing the hierarchy of evidence to identify the best strategy for placing class II dental composite restorations using current materials. <i>Journal of Esthetic and Restorative Dentistry</i> , 2021, 33, 39-50.	1.8	19
11	Shockwave application enhances the effect of dentin desensitizer. <i>Dental Materials</i> , 2021, 37, 113-119.	1.6	3
12	Antimicrobial potential of resin matrices loaded with coffee compounds. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 428-435.	1.6	2
13	Baseline characteristics as 3-year predictors of tooth fracture and crack progression. <i>Journal of the American Dental Association</i> , 2021, 152, 146-156.	0.7	4
14	Incorporation of Apigenin and tt-Farnesol into dental composites to modulate the <i>Streptococcus mutans</i> virulence. <i>Dental Materials</i> , 2021, 37, e201-e212.	1.6	6
15	A dual-ink 3D printing strategy to engineer pre-vascularized bone scaffolds in-vitro. <i>Materials Science and Engineering C</i> , 2021, 123, 111976.	3.8	27
16	Visually acceptable gloss threshold for resin composite and polishing systems. <i>Journal of the American Dental Association</i> , 2021, 152, 385-392.	0.7	12
17	Effect of side-group methylation on the performance of methacrylamides and methacrylates for dentin hybridization. <i>Dental Materials</i> , 2021, 37, 805-815.	1.6	2
18	Fractography of clinical failures of indirect resin composite endocrown and overlay restorations. <i>Dental Materials</i> , 2021, 37, e341-e359.	1.6	16

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19	Authors'™ response. Journal of the American Dental Association, 2021, 152, 424.	0.7	0
20	Effect of Novel Bioactive Glass-Containing Dentin Adhesive on the Permeability of Demineralized Dentin. Materials, 2021, 14, 5423.	1.3	4
21	Changes of residual stresses on the surface of leucite-reinforced ceramic restoration luted with resin composite cements during aging in water. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 123, 104711.	1.5	2
22	Considerations for Designing Next-Generation Composite Dental Materials. , 2021, , 99-114.		0
23	Recommended treatment of cracked teeth: Results from the National Dental Practice-Based Research Network. Journal of Prosthetic Dentistry, 2020, 123, 71-78.	1.1	22
24	The tooth on-a-chip: a microphysiologic model system mimicking the biologic interface of the tooth with biomaterials. Lab on A Chip, 2020, 20, 405-413.	3.1	50
25	Symptom changes and crack progression in untreated cracked teeth: One-year findings from the National Dental Practice-Based Research Network. Journal of Dentistry, 2020, 93, 103269.	1.7	11
26	Equivalence of human and bovine dentin matrix molecules for dental pulp regeneration: proteomic analysis and biological function. Archives of Oral Biology, 2020, 119, 104888.	0.8	8
27	Author's™s response. Journal of the American Dental Association, 2020, 151, 811-812.	0.7	0
28	Methacrylamide's methacrylate hybrid monomers for dental applications. Dental Materials, 2020, 36, 1028-1037.	1.6	16
29	The Organic Matrix of Restorative Composites and Adhesives. , 2020, , 139-152.		0
30	The light-curing unit: An essential piece of dental equipment. International Dental Journal, 2020, 70, 407-417.	1.0	26
31	Synthesis of di- and triacrylamides with tertiary amine cores and their evaluation as monomers in dental adhesive interfaces. Acta Biomaterialia, 2020, 115, 148-159.	4.1	13
32	Alternative monomer for BisGMA-free resin composites formulations. Dental Materials, 2020, 36, 884-892.	1.6	42
33	Influence of the organic matrix composition on the polymerization behavior and bulk properties of resin composites containing thiourethane-functionalized fillers. European Polymer Journal, 2020, 130, 109664.	2.6	12
34	Surface Deterioration of Indirect Restorative Materials. Brazilian Dental Journal, 2020, 31, 264-271.	0.5	5
35	Strengthening ceramic surfaces with the use of resin cements based on thiourethane oligomers. Journal of Applied Polymer Science, 2020, 137, 49040.	1.3	1
36	Effect of biofilm exposure on marginal integrity of composite restorations. American Journal of Dentistry, 2020, 33, 201-205.	0.1	2

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37	Rapid fabrication of vascularized and innervated cell-laden bone models with biomimetic intrafibrillar collagen mineralization. <i>Nature Communications</i> , 2019, 10, 3520.	5.8	124
38	Effect of residual solvent on performance of acrylamide-containing dental materials. <i>Dental Materials</i> , 2019, 35, 1378-1387.	1.6	14
39	Antibacterial, ester-free monomers: Polymerization kinetics, mechanical properties, biocompatibility and anti-biofilm activity. <i>Acta Biomaterialia</i> , 2019, 100, 132-141.	4.1	30
40	Effect of pulse-width-modulated LED light on the temperature change of composite in tooth cavities. <i>Dental Materials</i> , 2019, 35, 554-563.	1.6	17
41	Leadership in dental biomaterials research. <i>Journal of Dentistry</i> , 2019, 87, 13-15.	1.7	0
42	Use of (meth)acrylamides as alternative monomers in dental adhesive systems. <i>Dental Materials</i> , 2019, 35, 686-696.	1.6	28
43	Toughening of Dental Composites with Thiourethane-Modified Filler Interfaces. <i>Scientific Reports</i> , 2019, 9, 2286.	1.6	19
44	Effect of experimental resin cements containing thio-urethane oligomers on the durability of ceramic-composite bonded interfaces. <i>Biomaterial Investigations in Dentistry</i> , 2019, 6, 81-89.	3.0	2
45	Shedding light on a potential hazard. <i>Journal of the American Dental Association</i> , 2019, 150, 1051-1058.	0.7	16
46	The role of polymerization in adhesive dentistry. <i>Dental Materials</i> , 2019, 35, e1-e22.	1.6	132
47	Associations of types of pain with crack-level, tooth-level and patient-level characteristics in posterior teeth with visible cracks: Findings from the National Dental Practice-Based Research Network. <i>Journal of Dentistry</i> , 2018, 70, 67-73.	1.7	26
48	Influence of increment thickness on radiant energy and microhardness of bulk-fill resin composites. <i>Dental Materials Journal</i> , 2018, 37, 206-213.	0.8	19
49	Effect of Crystallization Firing on Marginal Gap of CAD/CAM Fabricated Lithium Disilicate Crowns. <i>Journal of Prosthodontics</i> , 2018, 27, 63-66.	1.7	31
50	3D printed versus conventionally cured provisional crown and bridge dental materials. <i>Dental Materials</i> , 2018, 34, 192-200.	1.6	296
51	Photopolymerization of cell-laden gelatin methacryloyl hydrogels using a dental curing light for regenerative dentistry. <i>Dental Materials</i> , 2018, 34, 389-399.	1.6	154
52	A dentin-derived hydrogel bioink for 3D bioprinting of cell laden scaffolds for regenerative dentistry. <i>Biofabrication</i> , 2018, 10, 024101.	3.7	135
53	Methacrylate saccharide-based monomers for dental adhesive systems. <i>International Journal of Adhesion and Adhesives</i> , 2018, 87, 1-11.	1.4	10
54	Effect of pulse width modulation-controlled LED light on the polymerization of dental composites. <i>Dental Materials</i> , 2018, 34, 1836-1845.	1.6	14

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55	Effect of bioactive glass-containing resin composite on dentin remineralization. Journal of Dentistry, 2018, 75, 58-64.	1.7	44
56	In vitro biofilm formation on resin-based composites cured under different surface conditions. Journal of Dentistry, 2018, 77, 78-86.	1.7	31
57	Observable characteristics coincident with internal cracks in teeth. Journal of the American Dental Association, 2018, 149, 885-892.e6.	0.7	6
58	Correlation between symptoms and external characteristics of cracked teeth. Journal of the American Dental Association, 2017, 148, 246-256.e1.	0.7	25
59	Degradation of optical and surface properties of resin-based composites with distinct nanoparticle sizes but equivalent surface area. Journal of Dentistry, 2017, 59, 48-53.	1.7	26
60	A Novel Strategy to Engineer Pre-Vascularized Full-Length Dental Pulp-like Tissue Constructs. Scientific Reports, 2017, 7, 3323.	1.6	98
61	Effect of shade, opacity and layer thickness on light transmission through a nano-hybrid dental composite during curing. Journal of Esthetic and Restorative Dentistry, 2017, 29, 362-367.	1.8	10
62	Effectiveness of high irradiance for short-time exposures on polymerization of composite under metal brackets. Angle Orthodontist, 2017, 87, 834-840.	1.1	5
63	Academy of Dental Materials guidance "Resin composites: Part II" Technique sensitivity (handling). Tj ETQq1 1 0.784314 rgBT /Ov 1.6 114	1.6	114
64	In vitro biofilm formation on resin-based composites after different finishing and polishing procedures. Journal of Dentistry, 2017, 67, 43-52.	1.7	90
65	Thermographic analysis of the effect of composite type, layering method, and curing light on the temperature rise of photo-cured composites in tooth cavities. Dental Materials, 2017, 33, e373-e383.	1.6	31
66	Biomaterials for Oral Health. Dental Clinics of North America, 2017, 61, xi-xii.	0.8	4
67	Effect of Nanofiller Loading on Cure Efficiency and Potential Color Change of Model Composites. Journal of Esthetic and Restorative Dentistry, 2016, 28, 171-177.	1.8	24
68	Mentoring and Role Modeling. Journal of Dental Research, 2016, 95, 845-845.	2.5	0
69	The mechanical behavior of the material-tissue and material-material interface in dental reconstructions. International Journal of Adhesion and Adhesives, 2016, 69, 2-14.	1.4	8
70	The effect of combining photoinitiator systems on the color and curing profile of resin-based composites. Dental Materials, 2016, 32, 1209-1217.	1.6	38
71	Influence of biofilm formation on the optical properties of novel bioactive glass-containing composites. Dental Materials, 2016, 32, 1144-1151.	1.6	23
72	Influence of the Compliance and Layering Method on the Wall Deflection of Simulated Cavities in Bulk-fill Composite Restoration. Operative Dentistry, 2016, 41, e183-e194.	0.6	41

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73	Dentin matrix components extracted with phosphoric acid enhance cell proliferation and mineralization. <i>Dental Materials</i> , 2016, 32, 334-342.	1.6	31
74	Carbon-Based Solid-State Calcium Ion-Selective Microelectrode and Scanning Electrochemical Microscopy: A Quantitative Study of pH-Dependent Release of Calcium Ions from Bioactive Glass. <i>Analytical Chemistry</i> , 2016, 88, 3218-3226.	3.2	38
75	Bioactive glass fillers reduce bacterial penetration into marginal gaps for composite restorations. <i>Dental Materials</i> , 2016, 32, 73-81.	1.6	140
76	Polymerization stress – Is it clinically meaningful?. <i>Dental Materials</i> , 2016, 32, 1-10.	1.6	166
77	Effect of Different In Vitro Aging Methods on Color Stability of a Dental Resin-Based Composite Using CIELAB and CIEDE2000 Color Difference Formulas. <i>Journal of Esthetic and Restorative Dentistry</i> , 2015, 27, 322-330.	1.8	44
78	Cytotoxicity of resin composites containing bioactive glass fillers. <i>Dental Materials</i> , 2015, 31, 195-203.	1.6	58
79	Light-Curing Units. <i>Journal of Dental Research</i> , 2015, 94, 1179-1186.	2.5	165
80	Cyclic mechanical loading promotes bacterial penetration along composite restoration marginal gaps. <i>Dental Materials</i> , 2015, 31, 702-710.	1.6	57
81	Effect of different photoinitiators and reducing agents on cure efficiency and color stability of resin-based composites using different LED wavelengths. <i>Journal of Dentistry</i> , 2015, 43, 1565-1572.	1.7	91
82	Biofilm formation affects surface properties of novel bioactive glass-containing composites. <i>Dental Materials</i> , 2015, 31, 1599-1608.	1.6	19
83	Surface Roughness and Gloss of Actual Composites as Polished With Different Polishing Systems. <i>Operative Dentistry</i> , 2015, 40, 418-429.	0.6	41
84	Sol-gel-derived bioactive glasses demonstrate antimicrobial effects on common oral bacteria. <i>American Journal of Dentistry</i> , 2015, 28, 111-5.	0.1	18
85	Measurement and comparison of bracket transfer accuracy of five indirect bonding techniques. <i>Angle Orthodontist</i> , 2014, 84, 607-614.	1.1	63
86	Novel Biomaterials and Technologies for the Dental, Oral, and Craniofacial Structures. <i>Journal of Dental Research</i> , 2014, 93, 1185-1186.	2.5	33
87	Microstructural Features of Current Resin Composite Materials. <i>Current Oral Health Reports</i> , 2014, 1, 205-212.	0.5	25
88	Water Aging Reverses Residual Stresses in Hydrophilic Dental Composites. <i>Journal of Dental Research</i> , 2014, 93, 195-200.	2.5	30
89	Thio-urethanes Improve Properties of Dual-cured Composite Cements. <i>Journal of Dental Research</i> , 2014, 93, 1320-1325.	2.5	47
90	Acoustic emission analysis of the effect of simulated pulpal pressure and cavity type on the tooth-composite interfacial de-bonding. <i>Dental Materials</i> , 2014, 30, 876-883.	1.6	17

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91	Ion release from, and fluoride recharge of a composite with a fluoride-containing bioactive glass. <i>Dental Materials</i> , 2014, 30, 1187-1194.	1.6	71
92	Comparison of CaOH with MTA for Direct Pulp Capping. <i>Journal of Dental Research</i> , 2013, 92, S16-S22.	2.5	231
93	Mechanical performance of novel bioactive glass containing dental restorative composites. <i>Dental Materials</i> , 2013, 29, 1139-1148.	1.6	101
94	Effects of particulate filler systems on the properties and performance of dental polymer composites. , 2013, , 294-335.		8
95	Ensuring the Global Availability of High-quality Dental Restorative Materials. <i>Advances in Dental Research</i> , 2013, 25, 41-45.	3.6	8
96	Composite polymerization stress as a function of specimen configuration assessed by crack analysis and finite element analysis. <i>Dental Materials</i> , 2013, 29, 1026-1033.	1.6	18
97	Spatio-temporal analysis of shrinkage vectors during photo-polymerization of composite. <i>Dental Materials</i> , 2013, 29, 1236-1243.	1.6	15
98	Sorption, solubility, shrinkage and mechanical properties of "low-shrinkage" commercial resin composites. <i>Dental Materials</i> , 2013, 29, 398-404.	1.6	132
99	Resin-based composite performance: Are there some things we can't predict?. <i>Dental Materials</i> , 2013, 29, 51-58.	1.6	307
100	Acoustic Emission Analysis of Tooth-Composite Interfacial Debonding. <i>Journal of Dental Research</i> , 2013, 92, 76-81.	2.5	26
101	WHITE-SPOT LESIONS: Authors' response. <i>Journal of the American Dental Association</i> , 2013, 144, 1334.	0.7	0
102	Factors Involved in Mechanical Fatigue Degradation of Dental Resin Composites. <i>Journal of Dental Research</i> , 2013, 92, 584-591.	2.5	114
103	Dentin matrix component solubilization by solutions of pH relevant to self-etching dental adhesives. <i>Journal of Adhesive Dentistry</i> , 2013, 15, 407-12.	0.3	30
104	The Effects of Surface Roughness of Composite Resin on Biofilm Formation of <i>Streptococcus mutans</i> in the Presence of Saliva. <i>Operative Dentistry</i> , 2012, 37, 532-539.	0.6	72
105	Comparison of Two At-home Whitening Products of Similar Peroxide Concentration and Different Delivery Methods. <i>Operative Dentistry</i> , 2012, 37, 333-339.	0.6	52
106	Polymerization stresses in low-shrinkage dental resin composites measured by crack analysis. <i>Dental Materials</i> , 2012, 28, e143-e149.	1.6	18
107	Kinetics of polymerization and contraction stress development in self-adhesive resin cements. <i>Dental Materials</i> , 2012, 28, 1032-1039.	1.6	54
108	Dentine as a bioactive extracellular matrix. <i>Archives of Oral Biology</i> , 2012, 57, 109-121.	0.8	216

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109	Curing efficiency of dental resin composites formulated with camphorquinone or trimethylbenzoyl-diphenyl-phosphine oxide. <i>Dental Materials</i> , 2012, 28, 392-397.	1.6	114
110	A comparative study between crack analysis and a mechanical test for assessing the polymerization stress of restorative composites. <i>Dental Materials</i> , 2012, 28, 632-641.	1.6	31
111	A comparative evaluation of polymerization stress data obtained with four different mechanical testing systems. <i>Dental Materials</i> , 2012, 28, 680-686.	1.6	28
112	Effect of layering methods, composite type, and flowable liner on the polymerization shrinkage stress of light cured composites. <i>Dental Materials</i> , 2012, 28, 801-809.	1.6	164
113	Association between caries location and restorative material treatment provided. <i>Journal of Dentistry</i> , 2011, 39, 302-308.	1.7	17
114	Self-adhesive resin cements - chemistry, properties and clinical considerations. <i>Journal of Oral Rehabilitation</i> , 2011, 38, 295-314.	1.3	333
115	Use of caries prevention services in the Northwest PRECEDENT dental network. <i>Community Dentistry and Oral Epidemiology</i> , 2011, 39, 69-78.	0.9	3
116	Comparison of Efficacy of an In-Office Whitening System Used with and without a Whitening Priming Agent. <i>Journal of Esthetic and Restorative Dentistry</i> , 2011, 23, 97-104.	1.8	17
117	Dynamic and static strength of an implant-supported overdenture model reinforced with metal and nonmetal strengtheners. <i>Journal of Prosthetic Dentistry</i> , 2011, 106, 297-304.	1.1	25
118	Photoinitiator type and applicability of exposure reciprocity law in filled and unfilled photoactive resins. <i>Dental Materials</i> , 2011, 27, 157-164.	1.6	147
119	Resin compositeâ€”State of the art. <i>Dental Materials</i> , 2011, 27, 29-38.	1.6	1,454
120	Biomimetic dentin desensitizer based on nano-structured bioactive glass. <i>Dental Materials</i> , 2011, 27, 386-393.	1.6	60
121	BisGMA/TEGDMA ratio and filler content effects on shrinkage stress. <i>Dental Materials</i> , 2011, 27, 520-526.	1.6	137
122	Spotlight on bond strength testingâ€”Unraveling the complexities. <i>Dental Materials</i> , 2011, 27, 1197-1203.	1.6	44
123	Contraction stresses in dental composites adjacent to and at the bonded interface as measured by crack analysis. <i>Acta Biomaterialia</i> , 2011, 7, 417-423.	4.1	31
124	Comparison of Two-Step Versus Four-Step Composite Finishing/Polishing Disc Systems: Evaluation of a New Two-Step Composite Polishing Disc System. <i>Operative Dentistry</i> , 2011, 36, 205-212.	0.6	38
125	Can interaction of materials with the dentin-pulp complex contribute to dentin regeneration?. <i>Odontology / the Society of the Nippon Dental University</i> , 2010, 98, 2-14.	0.9	110
126	Introduction to and outcomes of the conference on adhesion in dentistry. <i>Dental Materials</i> , 2010, 26, 105-107.	1.6	16



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127	Slumping tendency and rheological properties of flowable composites. <i>Dental Materials</i> , 2010, 26, 443-448.	1.6	39
128	Initial dynamic viscoelasticity change of composites during light curing. <i>Dental Materials</i> , 2010, 26, 463-470.	1.6	13
129	Contraction stress of low-shrinkage composite materials assessed with different testing systems. <i>Dental Materials</i> , 2010, 26, 947-953.	1.6	99
130	Effect of shrinkage strain, modulus, and instrument compliance on polymerization shrinkage stress of light-cured composites during the initial curing stage. <i>Dental Materials</i> , 2010, 26, 1024-1033.	1.6	67
131	Polymerization stress, shrinkage and elastic modulus of current low-shrinkage restorative composites. <i>Dental Materials</i> , 2010, 26, 1144-1150.	1.6	193
132	Detection of dentinal cracks using contrast-enhanced micro-computed tomography. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2010, 3, 223-227.	1.5	30
133	Comparison of Various Resin Composite Shades and Layering Technique with a Shade Guide. <i>Journal of Esthetic and Restorative Dentistry</i> , 2010, 22, 114-124.	1.8	34
134	Cracked Teeth: A Review of the Literature. <i>Journal of Esthetic and Restorative Dentistry</i> , 2010, 22, 158-167.	1.8	119
135	Evaluation of Different Methods of Optical Impression Making on the Marginal Gap of Onlays Created with CEREC 3D. <i>Operative Dentistry</i> , 2010, 35, 324-329.	0.6	76
136	What's in a dental practice-based research network?. <i>Journal of the American Dental Association</i> , 2010, 141, 889-899.	0.7	24
137	Comparison of At-home and In-office Tooth Whitening Using a Novel Shade Guide. <i>Operative Dentistry</i> , 2010, 35, 381-388.	0.6	70
138	Porcelain Surface Alterations and Refinishing After Use of Two Orthodontic Bonding Methods. <i>Angle Orthodontist</i> , 2010, 80, 167-174.	1.1	16
139	Comparison of Push-out Bond Strengths of Resilon with Three Different Sealers. <i>Journal of Endodontics</i> , 2010, 36, 318-321.	1.4	24
140	Real-time measurement of dentinal fluid flow during amalgam and composite restoration. <i>Journal of Dentistry</i> , 2010, 38, 343-351.	1.7	28
141	The effect of various dentifrices on surface roughness and gloss of resin composites. <i>Journal of Dentistry</i> , 2010, 38, e123-e128.	1.7	89
142	Navigating the Dentin Bond Strength Testing Highway: Lessons and Recommendations. <i>Journal of Adhesion Science and Technology</i> , 2009, 23, 1007-1022.	1.4	7
143	Does Adhesive Thickness Affect Resin-dentin Bond Strength After Thermal/Load Cycling?. <i>Operative Dentistry</i> , 2009, 34, 58-64.	0.6	37
144	Degree of Conversion and Contraction Stress Development of a Resin Composite Irradiated Using Halogen and LED at Two C-factor Levels. <i>Operative Dentistry</i> , 2009, 34, 24-31.	0.6	15

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145	Effect of co-initiator ratio on the polymer properties of experimental resin composites formulated with camphorquinone and phenyl-propanedione. <i>Dental Materials</i> , 2009, 25, 369-375.	1.6	68
146	Influence of surface treatments on the bond strength of repaired resin composite restorative materials. <i>Dental Materials</i> , 2009, 25, 442-451.	1.6	168
147	Alternative photoinitiator system reduces the rate of stress development without compromising the final properties of the dental composite. <i>Dental Materials</i> , 2009, 25, 566-572.	1.6	36
148	Calculation of contraction stresses in dental composites by analysis of crack propagation in the matrix surrounding a cavity. <i>Dental Materials</i> , 2009, 25, 543-550.	1.6	37
149	R-curve behavior and toughening mechanisms of resin-based dental composites: Effects of hydration and post-cure heat treatment. <i>Dental Materials</i> , 2009, 25, 760-770.	1.6	53
150	Mechanistic aspects of fatigue crack growth behavior in resin based dental restorative composites. <i>Dental Materials</i> , 2009, 25, 909-916.	1.6	37
151	Determination of the optimal photoinitiator concentration in dental composites based on essential material properties. <i>Dental Materials</i> , 2009, 25, 994-1000.	1.6	71
152	Fluoride-containing adhesive: Durability on dentin bonding. <i>Dental Materials</i> , 2009, 25, 1383-1391.	1.6	60
153	R-curve behavior and micromechanisms of fracture in resin based dental restorative composites. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2009, 2, 502-511.	1.5	53
154	Effect of heat on the flow of commercial composites. <i>American Journal of Dentistry</i> , 2009, 22, 92-6.	0.1	18
155	Photoinitiator content in restorative composites: influence on degree of conversion, reaction kinetics, volumetric shrinkage and polymerization stress. <i>American Journal of Dentistry</i> , 2009, 22, 206-10.	0.1	24
156	COMMENTARY. <sc>power distribution across the face of different light guides and its effect on composite surface microhardness</sc>. <i>Journal of Esthetic and Restorative Dentistry</i> , 2008, 20, 118-118.	1.8	0
157	Flexural strength and Weibull analysis of a microhybrid and a nanofill composite evaluated by 3- and 4-point bending tests. <i>Dental Materials</i> , 2008, 24, 426-431.	1.6	128
158	Contraction stress and physical properties development of a resin-based composite irradiated using modulated curing methods at two C-factor levels. <i>Dental Materials</i> , 2008, 24, 392-398.	1.6	39
159	Influence of photoinitiator type on the rate of polymerization, degree of conversion, hardness and yellowing of dental resin composites. <i>Dental Materials</i> , 2008, 24, 1169-1177.	1.6	161
160	Microstructural characterization and fracture behavior of a microhybrid and a nanofill composite. <i>Dental Materials</i> , 2008, 24, 1281-1288.	1.6	104
161	How should composite be layered to reduce shrinkage stress: Incremental or bulk filling?. <i>Dental Materials</i> , 2008, 24, 1501-1505.	1.6	239
162	Slumping resistance and viscoelasticity prior to setting of dental composites. <i>Dental Materials</i> , 2008, 24, 1586-1593.	1.6	34

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163	Preparing Practicing Dentists to Engage in Practice-Based Research. Journal of the American Dental Association, 2008, 139, 339-345.	0.7	18
164	Placing Dental Compositesâ€”A Stressful Experience. Operative Dentistry, 2008, 33, 247-257.	0.6	237
165	CONTROLLED CLINICAL TRIALS AND PRACTICE-BASED RESEARCH IN DENTISTRY. Journal of Dental Research, 2008, 87, 800-801.	2.5	8
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