

# Paulette Spencer

## List of Publications by Year in descending order

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144  
papers

5,908  
citations

66234

42  
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91712

69  
g-index

148  
all docs

148  
docs citations

148  
times ranked

3476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adhesive/Dentin Interface: The Weak Link in the Composite Restoration. <i>Annals of Biomedical Engineering</i> , 2010, 38, 1989-2003.	1.3	362
2	Adhesive phase separation at the dentin interface under wet bonding conditions. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 62, 447-456.	3.0	344
3	Anisotropic elasticity of cortical and cancellous bone in the posterior mandible increases peri-implant stress and strain under oblique loading. <i>Clinical Oral Implants Research</i> , 2001, 12, 648-657.	1.9	177
4	Quantifying adhesive penetration in adhesive/dentin interface using confocal Raman microspectroscopy. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 59, 46-55.	3.0	172
5	Relationship of solvent to the photopolymerization process, properties, and structure in model dentin adhesives. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 80A, 342-350.	2.1	159
6	The effects of CO <sub>2</sub> , Nd: YAG and Er: YAG lasers with and without surface coolant on tooth root surfaces. An in vitro study. <i>Journal of Clinical Periodontology</i> , 1997, 24, 595-602.	2.3	144
7	Anisotropic elastic properties of cancellous bone from a human edentulous mandible. <i>Clinical Oral Implants Research</i> , 2000, 11, 415-421.	1.9	143
8	Chemical profile of adhesive/caries-affected dentin interfaces using Raman microspectroscopy. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 81A, 279-286.	2.1	125
9	Proteins, Pathogens, and Failure at the Composite-Tooth Interface. <i>Journal of Dental Research</i> , 2014, 93, 1243-1249.	2.5	117
10	The influence of chemical structure on the properties in methacrylate-based dentin adhesives. <i>Dental Materials</i> , 2011, 27, 1086-1093.	1.6	108
11	The Effects of the Nd:YAG Laser on in Vitro Fibroblast Attachment to Endotoxin-Treated Root Surfaces. <i>Journal of Periodontology</i> , 1992, 63, 626-632.	1.7	107
12	Effect of coinitiator and water on the photoreactivity and photopolymerization of HEMA/camphorquinone-based reactant mixtures. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 78A, 721-728.	2.1	102
13	In vivo comparison of synthetic osseous graft materials. <i>Journal of Clinical Periodontology</i> , 1999, 26, 239-245.	2.3	91
14	Effects of water content and initiator composition on photopolymerization of a model BisGMA/HEMA resin. <i>Dental Materials</i> , 2008, 24, 824-831.	1.6	89
15	Analysis of acid-treated dentin smear debris and smear layers using confocal Raman microspectroscopy. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 60, 300-308.	3.0	85
16	Dentinal tubule anastomosis: A potential factor in adhesive bonding?. <i>Journal of Prosthetic Dentistry</i> , 1994, 72, 183-188.	1.1	73
17	Effects of the Nd:YAG laser and combined treatments on in vitro fibroblast attachment to root surfaces. <i>Journal of Clinical Periodontology</i> , 1994, 21, 38-44.	2.3	70
18	Dimensional accuracy and surface detail reproduction of two hydrophilic vinyl polysiloxane impression materials tested under dry, moist, and wet conditions. <i>Journal of Prosthetic Dentistry</i> , 2003, 90, 365-372.	1.1	70

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19	Physicochemical interactions at the interfaces between self-etch adhesive systems and dentine. <i>Journal of Dentistry</i> , 2004, 32, 567-579.	1.7	70
20	Water sorption and dynamic mechanical properties of dentin adhesives with a urethane-based multifunctional methacrylate monomer. <i>Dental Materials</i> , 2009, 25, 1569-1575.	1.6	70
21	<i>In vitro</i> Performance of Nano-heterogeneous Dentin Adhesive. <i>Journal of Dental Research</i> , 2008, 87, 829-833.	2.5	69
22	Micromechanical analysis of dentin/adhesive interface by the finite element method. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 70B, 56-65.	3.0	67
23	Effect of photoinitiators on the <i>in vitro</i> performance of a dentin adhesive exposed to simulated oral environment. <i>Dental Materials</i> , 2009, 25, 452-458.	1.6	67
24	Nanophase separation of polymers exposed to simulated bonding conditions. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 88B, 339-348.	1.6	67
25	Laser Irradiation of Bone: II. Healing Response Following Treatment by CO <sub>2</sub> and Nd:YAG Lasers. <i>Journal of Periodontology</i> , 1999, 70, 75-83.	1.7	66
26	Characterization of photopolymerization of dentin adhesives as a function of light source and irradiance. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007, 80B, 440-446.	1.6	65
27	Effect of photoinitiator system and water content on dynamic mechanical properties of a light-cured bisGMA/HEMA dental resin. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 93A, 1245-1251.	2.1	65
28	Chemical Characterization of Lased Root Surfaces Using Fourier Transform Infrared Photoacoustic Spectroscopy. <i>Journal of Periodontology</i> , 1992, 63, 633-636.	1.7	60
29	Laser Irradiation of Bone. I. An <i>In Vitro</i> Study Concerning the Effects of the CO <sub>2</sub> Laser on Oral Mucosa and Subjacent Bone. <i>Journal of Periodontology</i> , 1997, 68, 872-880.	1.7	57
30	Enzymatic biodegradation of HEMA/bisGMA adhesives formulated with different water content. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 88B, 394-401.	1.6	57
31	Dynamic mechanical analysis and esterase degradation of dentin adhesives containing a branched methacrylate. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 91B, 61-70.	1.6	57
32	Multiscale mechanics of hierarchical structure/property relationships in calcified tissues and tissue/material interfaces. <i>Materials Science and Engineering C</i> , 2007, 27, 450-468.	3.8	56
33	Diffusion coefficients of water and leachables in methacrylate-based crosslinked polymers using absorption experiments. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1157-1172.	1.7	56
34	Effect of acid etching time and technique on interfacial characteristics of the adhesive-dentin bond using differential staining. <i>European Journal of Oral Sciences</i> , 2004, 112, 293-299.	0.7	54
35	Physicochemical interactions at the dentin/adhesive interface using FTIR chemical imaging. <i>Journal of Biomedical Optics</i> , 2005, 10, 031104.	1.4	54
36	Durable Bonds at the Adhesive/Dentin Interface: An Impossible Mission or Simply a Moving Target?. <i>Ciência Odontológica Brasileira</i> , 2012, 15, 4-18.	0.0	54

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37	Effect of solvent content on resin hybridization in wet dentin bonding. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 82A, 975-983.	2.1	53
38	Posterior composite restoration update: focus on factors influencing form and function. <i>Clinical, Cosmetic and Investigational Dentistry</i> , 2013, 5, 33.	0.7	53
39	Gingival Crevicular Blood for Assessment of Blood Glucose in Diabetic Patients. <i>Journal of Periodontology</i> , 1993, 64, 666-672.	1.7	50
40	Effective Laser Ablation of Bone Based on the Absorption Characteristics of Water and Proteins. <i>Journal of Periodontology</i> , 1999, 70, 68-74.	1.7	47
41	Interfacial chemistry of moisture-aged class II composite restorations. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2006, 77B, 234-240.	1.6	47
42	Effects of a solubility enhancer on penetration of hydrophobic component in model adhesives into wet demineralized dentin. <i>Dental Materials</i> , 2007, 23, 1473-1481.	1.6	47
43	Laser Irradiation of Bone: III. Long-Term Healing Following Treatment by CO <sub>2</sub> and Nd:YAG Lasers. <i>Journal of Periodontology</i> , 2001, 72, 174-182.	1.7	44
44	Interfacial chemistry of class II composite restoration: Structure analysis. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 75A, 580-587.	2.1	43
45	Antimicrobial Peptide-Polymer Conjugates for Dentistry. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1134-1144.	2.0	43
46	Change in Temperature of Subjacent Bone During Soft Tissue Laser Ablation. <i>Journal of Periodontology</i> , 1998, 69, 1278-1282.	1.7	41
47	Micro-Raman imaging analysis of monomer/mineral distribution in intertubular region of adhesive/dentin interfaces. <i>Journal of Biomedical Optics</i> , 2006, 11, 024005.	1.4	41
48	Micromechanics of the dentin/adhesive interface. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 58, 366-371.	3.0	40
49	Moisture Effect on Polyether and Polyvinylsiloxane Dimensional Accuracy and Detail Reproduction. <i>Journal of Prosthodontics</i> , 2005, 14, 158-163.	1.7	40
50	Identification of collagen encapsulation at the dentin/adhesive interface. <i>Journal of Adhesive Dentistry</i> , 2004, 6, 91-5.	0.3	40
51	Preparation and properties of novel dentin adhesives with esterase resistance. <i>Journal of Applied Polymer Science</i> , 2008, 107, 3588-3597.	1.3	39
52	Histomorphologic Characterization of Noncarious and Caries-Affected Dentin/Adhesive Interfaces. <i>Journal of Prosthodontics</i> , 2006, 15, 82-88.	1.7	38
53	Fatigue life prediction of dentin-adhesive interface using micromechanical stress analysis. <i>Dental Materials</i> , 2011, 27, e187-e195.	1.6	38
54	In vivo versus in vitro microtensile bond strength of axial versus gingival cavity preparation walls in Class II resin-based composite restorations. <i>Journal of the American Dental Association</i> , 2004, 135, 185-193.	0.7	37

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55	Parametric study of the effect of phase anisotropy on the micromechanical behaviour of dentin-adhesive interfaces. <i>Journal of the Royal Society Interface</i> , 2005, 2, 145-157.	1.5	37
56	Comparison of interfacial characteristics of adhesive bonding to superficial versus deep dentine using SEM and staining techniques. <i>Journal of Dentistry</i> , 2006, 34, 26-34.	1.7	37
57	Effect of initiator on photopolymerization of acidic, aqueous dental model adhesives. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 90A, 1120-1127.	2.1	37
58	Enzyme-catalyzed hydrolysis of dentin adhesives containing a new urethane-based trimethacrylate monomer. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 91B, 562-571.	1.6	35
59	Polymerization- and solvent-induced phase separation in hydrophilic-rich dentin adhesive mimic. <i>Acta Biomaterialia</i> , 2014, 10, 3038-3047.	4.1	35
60	Polymerization Behavior of Hydrophilic-Rich Phase of Dentin Adhesive. <i>Journal of Dental Research</i> , 2015, 94, 500-507.	2.5	34
61	Threats to adhesive/dentin interfacial integrity and next generation bio-enabled multifunctional adhesives. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2673-2683.	1.6	34
62	Combining genetic algorithm with machine learning strategies for designing potent antimicrobial peptides. <i>BMC Bioinformatics</i> , 2021, 22, 239.	1.2	34
63	A computational molecular design framework for crosslinked polymer networks. <i>Computers and Chemical Engineering</i> , 2009, 33, 954-963.	2.0	33
64	Visible-Light Initiated Free-Radical/Cationic Ring-Opening Hybrid Photopolymerization of Methacrylate/Epoxy: Polymerization Kinetics, Crosslinking Structure, and Dynamic Mechanical Properties. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 856-872.	1.1	33
65	Synthesis and evaluation of novel dental monomer with branched carboxyl acid group. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 1473-1484.	1.6	31
66	Viscoelastic and fatigue properties of model methacrylate-based dentin adhesives. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010, 95B, 283-290.	1.6	29
67	Micro-poromechanics model of fluid-saturated chemically active fibrous media. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2015, 95, 215-234.	0.9	28
68	Engineered Peptide Repairs Defective Adhesive-Dentin Interface. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600487.	1.7	28
69	Comparison of panoramic radiography and panoramic digital subtraction radiography in the detection of simulated osteophytic lesions of the mandibular condyle. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2002, 93, 626-631.	1.6	27
70	Mechanical property characterization of resin cement after aqueous aging with and without cyclic loading. <i>Dental Materials</i> , 2003, 19, 645-652.	1.6	26
71	Quantitative analysis of aqueous phase composition of model dentin adhesives experiencing phase separation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 1086-1092.	1.6	26
72	Micromechanical properties of demineralized dentin collagen with and without adhesive infiltration. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 66A, 120-128.	3.0	25

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73	On the anisotropic elastic properties of woods. <i>Journal of Materials Science</i> , 2008, 43, 139-145.	1.7	25
74	Physico-mechanical properties determination using microscale homotopic measurements: Application to sound and caries-affected primary tooth dentin. <i>Acta Biomaterialia</i> , 2009, 5, 1338-1348.	4.1	25
75	Antimicrobial peptide similarity and classification through rough set theory using physicochemical boundaries. <i>BMC Bioinformatics</i> , 2018, 19, 469.	1.2	25
76	Peptide Mediated Antimicrobial Dental Adhesive System. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 557.	1.3	25
77	Overestimating hybrid layer quality in polished adhesive/dentin interfaces. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 68A, 735-746.	3.0	24
78	Nanoscale patterning in crosslinked methacrylate copolymer networks: An atomic force microscopy study. <i>Journal of Applied Polymer Science</i> , 2007, 106, 3843-3851.	1.3	23
79	Synthesis and evaluation of novel dental monomer with branched aromatic carboxylic acid group. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 569-576.	1.6	23
80	Tris(trimethylsilyl)silane as a co-initiator for dental adhesive: Photo-polymerization kinetics and dynamic mechanical property. <i>Dental Materials</i> , 2016, 32, 102-113.	1.6	23
81	Evaluation of the interface between one-bottle adhesive systems and dentin by Goldner's trichrome. <i>American Journal of Dentistry</i> , 2005, 18, 66-72.	0.1	23
82	Influence of additional acid etch treatment on resin cement dentin infiltration. <i>Journal of Prosthodontics</i> , 2000, 9, 77-81.	1.7	22
83	Application of multivariate spectral analyses in micro-Raman imaging to unveil structural/chemical features of the adhesive/dentin interface. <i>Journal of Biomedical Optics</i> , 2008, 13, 014020.	1.4	22
84	Mechanical properties of methacrylate-based model dentin adhesives: Effect of loading rate and moisture exposure. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101, 1437-1443.	1.6	22
85	New silyl-functionalized BisGMA provides autonomous strengthening without leaching for dental adhesives. <i>Acta Biomaterialia</i> , 2019, 83, 130-139.	4.1	22
86	A comparison of 3 alloy surface treatments for resin-bonded prostheses. <i>Journal of Prosthodontics</i> , 2001, 10, 217-223.	1.7	21
87	Ternary Phase Diagram of Model Dentin Adhesive Exposed to Over-wet Environments. <i>Journal of Dental Research</i> , 2011, 90, 1434-1438.	2.5	21
88	Viscoelastic properties of collagen-adhesive composites under water-saturated and dry conditions. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 646-657.	2.1	21
89	Nano finite element modeling of the mechanical behavior of biocomposites using multi-scale (virtual) Tj ETQq1 1 0.784314 rgBT /Overlo	2.1	20
90	Swelling equilibrium of dentin adhesive polymers formed on the water-adhesive phase boundary: Experiments and micromechanical model. <i>Acta Biomaterialia</i> , 2014, 10, 330-342.	4.1	20

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91	Impact of light intensity on the polymerization kinetics and network structure of model hydrophobic and hydrophilic methacrylate based dental adhesive resin. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 1666-1678.	1.6	20
92	Self-strengthening hybrid dental adhesive via visible-light irradiation triple polymerization. <i>RSC Advances</i> , 2016, 6, 52434-52447.	1.7	20
93	Elastic anisotropy of bone and dentitional tissues. <i>Journal of Materials Science: Materials in Medicine</i> , 2005, 16, 803-806.	1.7	19
94	Fuzzy Clustering of Raman Spectral Imaging Data with a Wavelet-Based Noise-Reduction Approach. <i>Applied Spectroscopy</i> , 2006, 60, 826-832.	1.2	19
95	Mineral Content of Calcified Tissues in Cystic Fibrosis Mice. <i>Biological Trace Element Research</i> , 2001, 83, 69-81.	1.9	18
96	Synthesis and evaluation of novel siloxane-methacrylate monomers used as dentin adhesives. <i>Dental Materials</i> , 2014, 30, 1073-1087.	1.6	18
97	Synthesis and Evaluation of a Novel Co-Initiator for Dentin Adhesives: Polymerization Kinetics and Leachables Study. <i>Jom</i> , 2015, 67, 796-803.	0.9	18
98	Scanning acoustic microscopy investigation of frequency-dependent reflectance of acid- etched human dentin using homotopic measurements. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2011, 58, 585-595.	1.7	17
99	Effect of mucoprotein on the bond strength of resin composite to human dentin. <i>Odontology / the Society of the Nippon Dental University</i> , 2011, 99, 119-128.	0.9	17
100	Mimicking nature: Self-strengthening properties in a dental adhesive. <i>Acta Biomaterialia</i> , 2016, 35, 138-152.	4.1	17
101	Biosilver nanoparticle interface offers improved cell viability. <i>Surface Innovations</i> , 2016, 4, 121-132.	1.4	16
102	Multifunctional monomer acts as co-initiator and crosslinker to provide autonomous strengthening with enhanced hydrolytic stability in dental adhesives. <i>Dental Materials</i> , 2020, 36, 284-295.	1.6	15
103	Radiographic endodontic working length estimation: comparison of three digital image receptors. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 106, 604-608.	1.6	14
104	Computer-aided molecular design of water compatible visible light photosensitizers for dental adhesive. <i>Chemical Engineering Science</i> , 2017, 159, 131-139.	1.9	14
105	Bond strength of adhesives to dentin contaminated with smoker's saliva. <i>Odontology / the Society of the Nippon Dental University</i> , 2010, 98, 37-43.	0.9	13
106	Fabrication of hybrid crosslinked network with buffering capabilities and autonomous strengthening characteristics for dental adhesives. <i>Acta Biomaterialia</i> , 2018, 67, 111-121.	4.1	12
107	Exploring the nature of acid-resistant hybrid layer with wet bonding. <i>Operative Dentistry</i> , 2004, 29, 650-5.	0.6	12
108	Multivariate Analysis of Attenuated Total Reflection Fourier Transform Infrared (ATR FT-IR) Spectroscopic Data to Confirm Phase Partitioning in Methacrylate-Based Dentin Adhesive. <i>Applied Spectroscopy</i> , 2013, 67, 1473-1478.	1.2	11

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109	Effect of crosslinking density of polymers and chemical structure of amine-containing monomers on the neutralization capacity of dentin adhesives. <i>Dental Materials</i> , 2015, 31, 1245-1253.	1.6	11
110	Development of methacrylate/silorane hybrid monomer system: Relationship between photopolymerization behavior and dynamic mechanical properties. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 841-852.	1.6	11
111	Longitudinal Effect of Surface Treatments Modified by NaOCl-Induced Deproteinization and Nd:YAG Laser on Dentin Permeability. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 68-75.	2.1	11
112	Determination of Neutralization Capacity and Stability of a Basic Methacrylate Monomer Using NMR. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2012, 61, 144-153.	1.8	10
113	Probing the dual function of a novel tertiary amine compound in dentin adhesive formulations. <i>Dental Materials</i> , 2016, 32, 519-528.	1.6	10
114	Bioinspired multifunctional adhesive system for next generation bio-additively designed dental restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 113, 104135.	1.5	10
115	Micro-scale Analysis of Compositional and Mechanical Properties of Dentin Using Homotopic Measurements. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2013, , 131-141.	0.5	9
116	Characterization of Acid-Neutralizing Basic Monomers in Co-Solvent Systems by NMR. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014, 63, 361-367.	1.8	9
117	Chemometrics-Assisted Raman Spectroscopy Characterization of Tunable Polymer-Peptide Hybrids for Dental Tissue Repair. <i>Frontiers in Materials</i> , 2021, 8, .	1.2	9
118	Reconfigurable Dual Peptide Tethered Polymer System Offers a Synergistic Solution for Next Generation Dental Adhesives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6552.	1.8	9
119	Effect of Partition of Photo-Initiator Components and Addition of Iodonium Salt on the Photopolymerization of Phase-Separated Dental Adhesive. <i>Jom</i> , 2016, 68, 1090-1099.	0.9	8
120	Structure-property relationships for wet dentin adhesive polymers. <i>Biointerphases</i> , 2018, 13, 061004.	0.6	8
121	Evolution of Network Structure and Mechanical Properties in Autonomous-Strengthening Dental Adhesive. <i>Polymers</i> , 2020, 12, 2076.	2.0	8
122	Poromechanics Parameters of Fluid-Saturated Chemically Active Fibrous Media Derived from a Micromechanical Approach. <i>Journal of Nanomechanics &amp; Micromechanics</i> , 2013, 3, .	1.4	7
123	Compositional design and optimization of dentin adhesive with neutralization capability. <i>Journal of Dentistry</i> , 2015, 43, 1132-1139.	1.7	7
124	The influence of water on visible-light initiated free-radical/cationic ring-opening hybrid polymerization of methacrylate/epoxy: polymerization kinetics, crosslinking structure and dynamic mechanical properties. <i>RSC Advances</i> , 2015, 5, 77791-77802.	1.7	7
125	Probing the mineralized tissue-adhesive interface for tensile nature and bond strength. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 120, 104563.	1.5	7
126	Computational Molecular Design of Water Compatible Dentin Adhesive System. <i>Computer Aided Chemical Engineering</i> , 2015, 37, 2081-2086.	0.3	7

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127	Verifying the Reliability of Interchanging Casts Between Hanau Modular Articulators. Journal of Prosthodontics, 1993, 2, 220-223.	1.7	6
128	High-resolution magnetic resonance imaging and diffusion tensor imaging of the porcine temporomandibular joint disc. Dentomaxillofacial Radiology, 2009, 38, 148-155.	1.3	6
129	Grafting MAP peptide to dental polymer inhibits MMP-8 activity. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 324-331.	1.6	6
130	Probing the neutralization behavior of zwitterionic monomer-containing dental adhesive. Dental Materials, 2017, 33, 564-574.	1.6	6
131	Hydrophilic dyes as photosensitizers for photopolymerization of dental adhesives. Journal of Dentistry, 2020, 99, 103405.	1.7	6
132	Peptide-Enabled Nanocomposites Offer Biomimetic Reconstruction of Silver Diamine Fluoride-Treated Dental Tissues. Polymers, 2022, 14, 1368.	2.0	6
133	Histologic comparison of the CO <sub>2</sub> laser and Nd:YAG with and without water/air surface cooling on tooth root structure. , 1995, , .		3
134	Modulating pH through lysine integrated dental adhesives. Dental Materials, 2018, 34, 1652-1660.	1.6	3
135	Micromechanics of the dentin/adhesive interface. Journal of Biomedical Materials Research Part B, 2001, 58, 366-371.	3.0	2
136	Dentin/Adhesive Interface in Teeth. , 2013, , 133-151.		2
137	Chapter 11. Photoinitiators in Dentistry: Challenges and Advances. RSC Polymer Chemistry Series, 2018, , 297-336.	0.1	2
138	Mechanistic investigations of matrix metalloproteinase-8 inhibition by metal abstraction peptide. Biointerphases, 2016, 11, 021006.	0.6	1
139	Hyperspectral Analysis of Collagen Infused with BisGMA-Based Polymeric Adhesive. , 2003, , .		1
140	MICRO-RAMAN SPECTROSCOPY: PRINCIPLES AND APPLICATIONS IN DENTAL RESEARCH. Series on Biomaterials and Bioengineering, 2006, , 209-243.	0.0	1
141	Water Gradients in Dentin-Adhesive Interface by Confocal Raman Microscopy. , 2010, , .		0
142	A comparison of 3 alloy surface treatments for resin-bonded prostheses. , 2001, 10, 217-223.		0
143	Mechanics of Hard Tissue. , 2014, , 1-1-1-26.		0
144	Protein-Polymeric Materials Interaction: Mineralized Tissues Reconstruction. , 0, , 6808-6830.		0