

Paulette Spencer

List of Publications by Year in descending order

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144
papers

5,908
citations

66234

42
h-index

91712

69
g-index

148
all docs

148
docs citations

148
times ranked

3476
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide-Enabled Nanocomposites Offer Biomimetic Reconstruction of Silver Diamine Fluoride-Treated Dental Tissues. <i>Polymers</i> , 2022, 14, 1368.	2.0	6
2	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
3	Combining genetic algorithm with machine learning strategies for designing potent antimicrobial peptides. <i>BMC Bioinformatics</i> , 2021, 22, 239.	1.2	34
4	Chemometrics-Assisted Raman Spectroscopy Characterization of Tunable Polymer-Peptide Hybrids for Dental Tissue Repair. <i>Frontiers in Materials</i> , 2021, 8, .	1.2	9
5	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
6	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
7	Antimicrobial Peptide-Polymer Conjugates for Dentistry. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1134-1144.	2.0	43
8	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
9	Evolution of Network Structure and Mechanical Properties in Autonomous-Strengthening Dental Adhesive. <i>Polymers</i> , 2020, 12, 2076.	2.0	8
10	Hydrophilic dyes as photosensitizers for photopolymerization of dental adhesives. <i>Journal of Dentistry</i> , 2020, 99, 103405.	1.7	6
11	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
12	Peptide Mediated Antimicrobial Dental Adhesive System. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 557.	1.3	25
13	New silyl-functionalized BisGMA provides autonomous strengthening without leaching for dental adhesives. <i>Acta Biomaterialia</i> , 2019, 83, 130-139.	4.1	22
14	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
15	Antimicrobial peptide similarity and classification through rough set theory using physicochemical boundaries. <i>BMC Bioinformatics</i> , 2018, 19, 469.	1.2	25
16	Structure-property relationships for wet dentin adhesive polymers. <i>Biointerphases</i> , 2018, 13, 061004.	0.6	8
17	Modulating pH through lysine integrated dental adhesives. <i>Dental Materials</i> , 2018, 34, 1652-1660.	1.6	3
18	Chapter 11. Photoinitiators in Dentistry: Challenges and Advances. <i>RSC Polymer Chemistry Series</i> , 2018, , 297-336.	0.1	2

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19	Engineered Peptide Repairs Defective Adhesiveâ€œDentin Interface. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600487.	1.7	28
20	Probing the neutralization behavior of zwitterionic monomer-containing dental adhesive. <i>Dental Materials</i> , 2017, 33, 564-574.	1.6	6
21	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
22	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
23	Mechanistic investigations of matrix metalloproteinase-8 inhibition by metal abstraction peptide. <i>Biointerphases</i> , 2016, 11, 021006.	0.6	1
24	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
25	Self-strengthening hybrid dental adhesive via visible-light irradiation triple polymerization. <i>RSC Advances</i> , 2016, 6, 52434-52447.	1.7	20
26	Biosilver nanoparticle interface offers improved cell viability. <i>Surface Innovations</i> , 2016, 4, 121-132.	1.4	16
27	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
28	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
29	Mimicking nature: Self-strengthening properties in a dental adhesive. <i>Acta Biomaterialia</i> , 2016, 35, 138-152.	4.1	17
30	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
31	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
32	Visibleâ€œLight Initiated Freeâ€œRadical/Cationic Ringâ€œOpening 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
33	Viscoelastic properties of collagenâ€œadhesive composites under waterâ€œsaturated and dry conditions. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 646-657.	2.1	21
34	Polymerization Behavior of Hydrophilic-Rich Phase of Dentin Adhesive. <i>Journal of Dental Research</i> , 2015, 94, 500-507.	2.5	34
35	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
36	Compositional design and optimization of dentin adhesive with neutralization capability. <i>Journal of Dentistry</i> , 2015, 43, 1132-1139.	1.7	7

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37	Micro-mechanics model of fluid-saturated chemically active fibrous media. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2015, 95, 215-234.	0.9	28
38	Effect of crosslinking density of polymers and chemical structure of amine-containing monomers on the neutralization capacity of dentin adhesives. Dental Materials, 2015, 31, 1245-1253.	1.6	11
39	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. RSC Advances, 2015, 5, 77791-77802.	1.7	7
40	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
41	Computational Molecular Design of Water Compatible Dentin Adhesive System. Computer Aided Chemical Engineering, 2015, 37, 2081-2086.	0.3	7
42	Characterization of Acid-Neutralizing Basic Monomers in Co-Solvent Systems by NMR. International Journal of Polymeric Materials and Polymeric Biomaterials, 2014, 63, 361-367.	1.8	9
43	Synthesis and evaluation of novel dental monomer with branched carboxyl acid group. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 1473-1484.	1.6	31
44	Polymerization- and solvent-induced phase separation in hydrophilic-rich dentin adhesive mimic. Acta Biomaterialia, 2014, 10, 3038-3047.	4.1	35
45	Swelling equilibrium of dentin adhesive polymers formed on the water-adhesive phase boundary: Experiments and micromechanical model. Acta Biomaterialia, 2014, 10, 330-342.	4.1	20
46	Proteins, Pathogens, and Failure at the Composite-Tooth Interface. Journal of Dental Research, 2014, 93, 1243-1249.	2.5	117
47	Synthesis and evaluation of novel siloxane-methacrylate monomers used as dentin adhesives. Dental Materials, 2014, 30, 1073-1087.	1.6	18
48	Mechanics of Hard Tissue. , 2014, , 1-1-1-26.		0
49	Micro-scale Analysis of Compositional and Mechanical Properties of Dentin Using Homotopic Measurements. Lecture Notes in Computational Vision and Biomechanics, 2013, , 131-141.	0.5	9
50	Poromechanics Parameters of Fluid-Saturated Chemically Active Fibrous Media Derived from a Micromechanical Approach. Journal of Nanomechanics & Micromechanics, 2013, 3, .	1.4	7
51	Mechanical properties of methacrylate-based model dentin adhesives: Effect of loading rate and moisture exposure. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101, 1437-1443.	1.6	22
52	Multivariate Analysis of Attenuated Total Reflection Fourier Transform Infrared (ATR FT-IR) Spectroscopic Data to Confirm Phase Partitioning in Methacrylate-Based Dentin Adhesive. Applied Spectroscopy, 2013, 67, 1473-1478.	1.2	11
53	Posterior composite restoration update: focus on factors influencing form and function. Clinical, Cosmetic and Investigational Dentistry, 2013, 5, 33.	0.7	53
54	Dentin/Adhesive Interface in Teeth. , 2013, , 133-151.		2

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55	Determination of Neutralization Capacity and Stability of a Basic Methacrylate Monomer Using NMR. International Journal of Polymeric Materials and Polymeric Biomaterials, 2012, 61, 144-153.	1.8	10
56	Quantitative analysis of aqueous phase composition of model dentin adhesives experiencing phase separation. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 1086-1092.	1.6	26
57	Diffusion coefficients of water and leachables in methacrylate-based crosslinked polymers using absorption experiments. Journal of Materials Science: Materials in Medicine, 2012, 23, 1157-1172.	1.7	56
58	Synthesis and evaluation of novel dental monomer with branched aromatic carboxylic acid group. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 569-576.	1.6	23
59	Durable Bonds at the Adhesive/Dentin Interface: An Impossible Mission or Simply a Moving Target?. CiÃncia OdontolÃ³gica Brasileira, 2012, 15, 4-18.	0.0	54
60	Scanning acoustic microscopy investigation of frequency-dependent reflectance of acid-etched human dentin using homotopic measurements. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 585-595.	1.7	17
61	Fatigue life prediction of dentin-adhesive interface using micromechanical stress analysis. Dental Materials, 2011, 27, e187-e195.	1.6	38
62	The influence of chemical structure on the properties in methacrylate-based dentin adhesives. Dental Materials, 2011, 27, 1086-1093.	1.6	108
63	Effect of mucoprotein on the bond strength of resin composite to human dentin. Odontology / the Society of the Nippon Dental University, 2011, 99, 119-128.	0.9	17
64	Ternary Phase Diagram of Model Dentin Adhesive Exposed to Over-wet Environments. Journal of Dental Research, 2011, 90, 1434-1438.	2.5	21
65	Effect of photoinitiator system and water content on dynamic mechanical properties of a light-cured bisGMA/HEMA dental resin. Journal of Biomedical Materials Research - Part A, 2010, 93A, 1245-1251.	2.1	65
66	Bond strength of adhesives to dentin contaminated with smoker's saliva. Odontology / the Society of the Nippon Dental University, 2010, 98, 37-43.	0.9	13
67	Adhesive/Dentin Interface: The Weak Link in the Composite Restoration. Annals of Biomedical Engineering, 2010, 38, 1989-2003.	1.3	362
68	Viscoelastic and fatigue properties of model methacrylate-based dentin adhesives. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2010, 95B, 283-290.	1.6	29
69	Water Gradients in Dentin-Adhesive Interface by Confocal Raman Microscopy. , 2010, , .		0
70	High-resolution magnetic resonance imaging and diffusion tensor imaging of the porcine temporomandibular joint disc. Dentomaxillofacial Radiology, 2009, 38, 148-155.	1.3	6
71	Effect of photoinitiators on the in vitro performance of a dentin adhesive exposed to simulated oral environment. Dental Materials, 2009, 25, 452-458.	1.6	67
72	Water sorption and dynamic mechanical properties of dentin adhesives with a urethane-based multifunctional methacrylate monomer. Dental Materials, 2009, 25, 1569-1575.	1.6	70

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73	Effect of initiator on photopolymerization of acidic, aqueous dental model adhesives. Journal of Biomedical Materials Research - Part A, 2009, 90A, 1120-1127.	2.1	37
74	Nanophase separation of polymers exposed to simulated bonding conditions. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 88B, 339-348.	1.6	67
75	Enzymatic biodegradation of HEMA/bisGMA adhesives formulated with different water content. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 88B, 394-401.	1.6	57
76	Dynamic mechanical analysis and esterase degradation of dentin adhesives containing a branched methacrylate. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 91B, 61-70.	1.6	57
77	Enzyme-catalyzed hydrolysis of dentin adhesives containing a new urethane-based trimethacrylate monomer. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 91B, 562-571.	1.6	35
78	A computational molecular design framework for crosslinked polymer networks. Computers and Chemical Engineering, 2009, 33, 954-963.	2.0	33
79	Physico-mechanical properties determination using microscale homotopic measurements: Application to sound and caries-affected primary tooth dentin. Acta Biomaterialia, 2009, 5, 1338-1348.	4.1	25
80	On the anisotropic elastic properties of woods. Journal of Materials Science, 2008, 43, 139-145.	1.7	25
81	Preparation and properties of novel dentin adhesives with esterase resistance. Journal of Applied Polymer Science, 2008, 107, 3588-3597.	1.3	39
82	Effects of water content and initiator composition on photopolymerization of a model BisGMA/HEMA resin. Dental Materials, 2008, 24, 824-831.	1.6	89
83	Radiographic endodontic working length estimation: comparison of three digital image receptors. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, 604-608.	1.6	14
84	<i>In vitro</i> Performance of Nano-heterogeneous Dentin Adhesive. Journal of Dental Research, 2008, 87, 829-833.	2.5	69
85	Application of multivariate spectral analyses in micro-Raman imaging to unveil structural/chemical features of the adhesive/dentin interface. Journal of Biomedical Optics, 2008, 13, 014020.	1.4	22
86	Nanoscale patterning in crosslinked methacrylate copolymer networks: An atomic force microscopy study. Journal of Applied Polymer Science, 2007, 106, 3843-3851.	1.3	23
87	Relationship of solvent to the photopolymerization process, properties, and structure in model dentin adhesives. Journal of Biomedical Materials Research - Part A, 2007, 80A, 342-350.	2.1	159
88	Chemical profile of adhesive/caries-affected dentin interfaces using Raman microspectroscopy. Journal of Biomedical Materials Research - Part A, 2007, 81A, 279-286.	2.1	125
89	Effect of solvent content on resin hybridization in wet dentin bonding. Journal of Biomedical Materials Research - Part A, 2007, 82A, 975-983.	2.1	53
90	Nano finite element modeling of the mechanical behavior of biocomposites using multi-scale (virtual) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	2.1	20

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91	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
92	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
93	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
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	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
96	Histomorphologic Characterization of Noncarious and Caries-Affected Dentin/Adhesive Interfaces. <i>Journal of Prosthodontics</i> , 2006, 15, 82-88.	1.7	38
97	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
98	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
99	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
100	MICRO-RAMAN SPECTROSCOPY: PRINCIPLES AND APPLICATIONS IN DENTAL RESEARCH. <i>Series on Biomaterials and Bioengineering</i> , 2006, , 209-243.	0.0	1
101	Moisture Effect on Polyether and Polyvinylsiloxane Dimensional Accuracy and Detail Reproduction. <i>Journal of Prosthodontics</i> , 2005, 14, 158-163.	1.7	40
102	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
103	Elastic anisotropy of bone and dentitional tissues. <i>Journal of Materials Science: Materials in Medicine</i> , 2005, 16, 803-806.	1.7	19
104	Physicochemical interactions at the dentin/adhesive interface using FTIR chemical imaging. <i>Journal of Biomedical Optics</i> , 2005, 10, 031104.	1.4	54
105	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
106	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
107	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
108	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

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109	Overestimating hybrid layer quality in polished adhesive/dentin interfaces. Journal of Biomedical Materials Research Part B, 2004, 68A, 735-746.	3.0	24
110	Micromechanical analysis of dentin/adhesive interface by the finite element method. Journal of Biomedical Materials Research Part B, 2004, 70B, 56-65.	3.0	67
111	Physicochemical interactions at the interfaces between self-etch adhesive systems and dentine. Journal of Dentistry, 2004, 32, 567-579.	1.7	70
112	Identification of collagen encapsulation at the dentin/adhesive interface. Journal of Adhesive Dentistry, 2004, 6, 91-5.	0.3	40
113	Exploring the nature of acid-resistant hybrid layer with wet bonding. Operative Dentistry, 2004, 29, 650-5.	0.6	12
114	Mechanical property characterization of resin cement after aqueous aging with and without cyclic loading. Dental Materials, 2003, 19, 645-652.	1.6	26
115	Dimensional accuracy and surface detail reproduction of two hydrophilic vinyl polysiloxane impression materials tested under dry, moist, and wet conditions. Journal of Prosthetic Dentistry, 2003, 90, 365-372.	1.1	70
116	Micromechanical properties of demineralized dentin collagen with and without adhesive infiltration. Journal of Biomedical Materials Research Part B, 2003, 66A, 120-128.	3.0	25
117	Hyperspectral Analysis of Collagen Infused with BisGMA-Based Polymeric Adhesive. , 2003, , .		1
118	Comparison of panoramic radiography and panoramic digital subtraction radiography in the detection of simulated osteophytic lesions of the mandibular condyle. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2002, 93, 626-631.	1.6	27
119	Analysis of acid-treated dentin smear debris and smear layers using confocal Raman microspectroscopy. Journal of Biomedical Materials Research Part B, 2002, 60, 300-308.	3.0	85
120	Adhesive phase separation at the dentin interface under wet bonding conditions. Journal of Biomedical Materials Research Part B, 2002, 62, 447-456.	3.0	344
121	Quantifying adhesive penetration in adhesive/dentin interface using confocal Raman microspectroscopy. Journal of Biomedical Materials Research Part B, 2002, 59, 46-55.	3.0	172
122	Laser Irradiation of Bone: III. Long-Term Healing Following Treatment by CO ₂ and Nd:YAG Lasers. Journal of Periodontology, 2001, 72, 174-182.	1.7	44
123	Anisotropic elasticity of cortical and cancellous bone in the posterior mandible increases peri-implant stress and strain under oblique loading. Clinical Oral Implants Research, 2001, 12, 648-657.	1.9	177
124	Micromechanics of the dentin/adhesive interface. Journal of Biomedical Materials Research Part B, 2001, 58, 366-371.	3.0	40
125	Mineral Content of Calcified Tissues in Cystic Fibrosis Mice. Biological Trace Element Research, 2001, 83, 69-81.	1.9	18
126	A comparison of 3 alloy surface treatments for resin-bonded prostheses. Journal of Prosthodontics, 2001, 10, 217-223.	1.7	21

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127	Micromechanics of the dentin/adhesive interface. Journal of Biomedical Materials Research Part B, 2001, 58, 366-371.	3.0	2
128	A comparison of 3 alloy surface treatments for resin-bonded prostheses. , 2001, 10, 217-223.		0
129	Anisotropic elastic properties of cancellous bone from a human edentulous mandible. Clinical Oral Implants Research, 2000, 11, 415-421.	1.9	143
130	Influence of additional acid etch treatment on resin cement dentin infiltration. Journal of Prosthodontics, 2000, 9, 77-81.	1.7	22
131	In vivo comparison of synthetic osseous graft materials. Journal of Clinical Periodontology, 1999, 26, 239-245.	2.3	91
132	Effective Laser Ablation of Bone Based on the Absorption Characteristics of Water and Proteins. Journal of Periodontology, 1999, 70, 68-74.	1.7	47
133	Laser Irradiation of Bone: II. Healing Response Following Treatment by CO ₂ and Nd:YAG Lasers. Journal of Periodontology, 1999, 70, 75-83.	1.7	66
134	Change in Temperature of Subjacent Bone During Soft Tissue Laser Ablation. Journal of Periodontology, 1998, 69, 1278-1282.	1.7	41
135	Laser Irradiation of Bone. I. An In Vitro Study Concerning the Effects of the CO ₂ Laser on Oral Mucosa and Subjacent Bone. Journal of Periodontology, 1997, 68, 872-880.	1.7	57
136	The effects of CO ₂ , Nd: YAG and Er: YAG lasers with and without surface coolant on tooth root surfaces. An in vitro study. Journal of Clinical Periodontology, 1997, 24, 595-602.	2.3	144
137	Histologic comparison of the CO ₂ laser and Nd:YAG with and without water/air surface cooling on tooth root structure. , 1995, , .		3
138	Effects of the Nd:YAG laser and combined treatments on in vitro fibroblast attachment to root surfaces. Journal of Clinical Periodontology, 1994, 21, 38-44.	2.3	70
139	Dentinal tubule anastomosis: A potential factor in adhesive bonding?. Journal of Prosthetic Dentistry, 1994, 72, 183-188.	1.1	73
140	Verifying the Reliability of Interchanging Casts Between Hanau Modular Articulators. Journal of Prosthodontics, 1993, 2, 220-223.	1.7	6
141	Gingival Crevicular Blood for Assessment of Blood Glucose in Diabetic Patients. Journal of Periodontology, 1993, 64, 666-672.	1.7	50
142	Chemical Characterization of Lased Root Surfaces Using Fourier Transform Infrared Photoacoustic Spectroscopy. Journal of Periodontology, 1992, 63, 633-636.	1.7	60
143	The Effects of the Nd:YAG Laser on in Vitro Fibroblast Attachment to Endotoxin-Treated Root Surfaces. Journal of Periodontology, 1992, 63, 626-632.	1.7	107
144	Protein-Polymeric Materials Interaction: Mineralized Tissues Reconstruction. , 0, , 6808-6830.		0