Josimeri Hebling

List of Publications by Year
in descending order

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215 papers	7,505 citations	57631 44 h-index	71532 76 g-index
222 all docs	222 docs citations	222 times ranked	5808 citing authors

#	Article	IF	Citations
1	In vivo Preservation of the Hybrid Layer by Chlorhexidine. Journal of Dental Research, 2007, 86, 529-533.	2.5	478
2	Chlorhexidine Arrests Subclinical Degradation of Dentin Hybrid Layers in vivo. Journal of Dental Research, 2005, 84, 741-746.	2.5	469
3	Human pulp responses to in-office tooth bleaching. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, e59-e64.	1.6	216
4	Presence of mutans streptococci and Candida spp. in dental plaque/dentine of carious teeth and early childhood caries. Archives of Oral Biology, 2006, 51, 1024-1028.	0.8	196
5	Cytotoxicity and biocompatibility of direct and indirect pulp capping materials. Journal of Applied Oral Science, 2009, 17, 544-554.	0.7	146
6	Biocompatibility of an adhesive system applied to exposed human dental pulp. Journal of Endodontics, 1999, 25, 676-682.	1.4	144
7	Concentrations of and application protocols for hydrogen peroxide bleaching gels: Effects on pulp cell viability and whitening efficacy. Journal of Dentistry, 2014, 42, 185-198.	1.7	144
8	Current status of pulp capping with dentin adhesive systems: a review. Dental Materials, 2000, 16, 188-197.	1.6	142
9	Hypoxia Enhances the Angiogenic Potential of Human Dental Pulp Cells. Journal of Endodontics, 2010, 36, 1633-1637.	1.4	137
10	Chlorhexidine increases the longevity of in vivo resinâ€“dentin bonds. European Journal of Oral Sciences, 2010, 118, 411-416.	0.7	132
11	Biostimulatory effect of low-level laser therapy on keratinocytes in vitro. Lasers in Medical Science, 2013, 28, 367-374.	1.0	121
12	Improved Sealant Retention with Bonding Agents: A Clinical Study of Two-bottle and Single-bottle Systems. Journal of Dental Research, 2000, 79, 1850-1856.	2.5	114
13	In Vitro Wound Healing Improvement by Low-Level Laser Therapy Application in Cultured Gingival Fibroblasts. International Journal of Dentistry, 2012, 2012, 1-6.	0.5	108
14	Artificial methods of dentine caries induction: A hardness and morphological comparative study. Archives of Oral Biology, 2009, 54, 1111-1117.	0.8	107
15	Human pulp response after an adhesive system application in deep cavities. Journal of Dentistry, 1999, 27, 557-564.	1.7	104
16	Methods to evaluate and strategies to improve the biocompatibility of dental materials and operative techniques. Dental Materials, 2014, 30, 769-784.	1.6	100
17	In vitro cytotoxicity of five glass-ionomer cements. Biomaterials, 2003, 24, 3853-3858.	5.7	98
18	In vitro cytotoxicity and in vivo biocompatibility of contemporary resin-modified glass-ionomer cements. Dental Materials, 2006, 22, 838-844.	1.6	93

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19	Toxicity of chlorhexidine on odontoblast-like cells. Journal of Applied Oral Science, 2010, 18, 50-58.	0.7	92
20	Scaling-Up of Dental Pulp Stem Cells Isolated from Multiple Niches. PLoS ONE, 2012, 7, e39885.	1.1	92
21	Short-term evaluation of the pulpo-dentin complex response to a resin-modified glass-ionomer cement and a bonding agent applied in deep cavities. Dental Materials, 2003, 19, 739-746.	1.6	91
22	Human pulp response to resin cements used to bond inlay restorations. Dental Materials, 2006, 22, 954-962.	1.6	84
23	Effective tooth-bleaching protocols capable of reducing H2O2 diffusion through enamel and dentine. Journal of Dentistry, 2014, 42, 351-358.	1.7	82
24	Effect of dentin conditioners on the microtensile bond strength of a conventional and a self-etching primer adhesive system. Dental Materials, 2005, 21, 103-109.	1.6	81
25	Stabilization of dentin matrix after cross-linking treatments, in vitro. Dental Materials, 2014, 30, 227-233.	1.6	81
26	Efficacy and cytotoxicity of a bleaching gel after short application times on dental enamel. Clinical Oral Investigations, 2013, 17, 1901-1909.	1.4	71
27	The effect of dimethyl sulfoxide (DMSO) on dentin bonding and nanoleakage of etch-and-rinse adhesives. Dental Materials, 2013, 29, 1055-1062.	1.6	66
28	Transâ€enamel and transâ€dentinal cytotoxic effects of a 35% H₂O₂ bleaching gel on cultured odontoblast cell lines after consecutive applications. International Endodontic Journal, 2009, 42, 516-524.	2.3	64
29	Shortening of primary dentin etching time and its implication on bond strength. Journal of Dentistry, 2005, 33, 355-362.	1.7	63
30	Influence of enamel/dentin thickness on the toxic and esthetic effects of experimental in-office bleaching protocols. Clinical Oral Investigations, 2017, 21, 2509-2520.	1.4	59
31	Inactivation of Matrix-bound Matrix Metalloproteinases by Cross-linking Agents in Acid-etched Dentin. Operative Dentistry, 2014, 39, 152-158.	0.6	58
32	Effect of curing regime on the cytotoxicity of resin-modified glass-ionomer lining cements applied to an odontoblast-cell line. Dental Materials, 2006, 22, 864-869.	1.6	57
33	Biocompatibility of resin-based dental materials applied as liners in deep cavities prepared in human teeth. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2007, 81B, 175-184.	1.6	57
34	Transdentinal diffusion and cytotoxicity of self-etching adhesive systems. Cell Biology and Toxicology, 2009, 25, 533-543.	2.4	57
35	Proliferation, migration, and expression of oralâ€mucosalâ€healingâ€related genes by oral fibroblasts receiving lowâ€level laser therapy after inflammatory cytokines challenge. Lasers in Surgery and Medicine, 2016, 48, 1006-1014.	1.1	57
36	Biocompatibility of resin-based materials used as pulp-capping agents. International Endodontic Journal, 2003, 36, 831-839.	2.3	53

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37	Response of Human Pulps to Different In-Office Bleaching Techniques: Preliminary Findings. Brazilian Dental Journal, 2015, 26, 242-248.	0.5	53
38	Cytotoxicity of dimethyl sulfoxide (DMSO) in direct contact with odontoblast-like cells. Dental Materials, 2015, 31, 399-405.	1.6	53
39	Cytotoxic effect of a 35% hydrogen peroxide bleaching gel on odontoblast-like MDPC-23 cells. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 108, 458-464.	1.6	51
40	Tumor Necrosis Factorâ€Î± and Interleukin (IL)â€1Î², ILâ€6, and ILâ€8 Impair In Vitro Migration and Induce Apoptosis of Gingival Fibroblasts and Epithelial Cells, Delaying Wound Healing. Journal of Periodontology, 2016, 87, 990-996.	1.7	49
41	Efficacy of citronella and cinnamon essential oils on Candida albicans biofilms. Acta Odontologica Scandinavica, 2016, 74, 393-398.	0.9	47
42	Cytotoxicity of resin-based light-cured liners. American Journal of Dentistry, 2009, 22, 137-42.	0.1	47
43	Reactionary dentinogenesis after applying restorative materials and bioactive dentin matrix molecules as liners in deep cavities prepared in nonhuman primate teeth. Journal of Oral Rehabilitation, 2006, 33, 452-461.	1.3	46
44	Zoledronic Acid Inhibits Human Osteoblast Activities. Gerontology, 2013, 59, 534-541.	1.4	46
45	Clinical and microbiological performance of resin-modified glass-ionomer liners after incomplete dentine caries removal. Clinical Oral Investigations, 2009, 13, 465-471.	1.4	44
46	Transenamel and transdentinal cytotoxicity of carbamide peroxide bleaching gels on odontoblast-like MDPC-23 cells. International Endodontic Journal, 2011, 44, 116-125.	2.3	44
47	In vitro effect of low-level laser on odontoblast-like cells. Laser Physics Letters, 2011, 8, 155-163.	0.6	44
48	Biomodulation of Inflammatory Cytokines Related to Oral Mucositis by Lowâ€Level Laser Therapy. Photochemistry and Photobiology, 2015, 91, 952-956.	1.3	43
49	Hyaluronic acid hydrogels incorporating platelet lysate enhance human pulp cell proliferation and differentiation. Journal of Materials Science: Materials in Medicine, 2018, 29, 88.	1.7	42
50	Transdentinal Cytotoxicity of Carbodiimide (EDC) and Glutaraldehyde on Odontoblast-like Cells. Operative Dentistry, 2015, 40, 44-54.	0.6	41
51	Biocompatibility of Two Current Adhesive Resins. Journal of Endodontics, 2000, 26, 512-516.	1.4	40
52	Mineral Loss and Morphological Changes in Dental Enamel Induced by a 16% Carbamide Peroxide Bleaching Gel. Brazilian Dental Journal, 2013, 24, 517-521.	0.5	40
53	Protective effects of etoricoxib, a selective inhibitor of cyclooxygenase-2, in experimental periodontitis in rats. Journal of Periodontal Research, 2005, 40, 208-211.	1.4	39
54	Increased viability of odontoblast-like cells subjected to low-level laser irradiation. Laser Physics, 2010, 20, 1659-1666.	0.6	39

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55	Nutritional stress enhances cell viability of odontoblastlike cells subjected to low level laser irradiation. Laser Physics Letters, 2010, 7, 247-251.	0.6	39
56	In Vitro effect of low-level laser therapy on typical oral microbial biofilms. Brazilian Dental Journal, 2011, 22, 502-510.	0.5	39
57	Pulp response after application of two resin modified glass ionomer cements (RMGICs) in deep cavities of prepared human teeth. Dental Materials, 2011, 27, e158-e170.	1.6	39
58	Responses of human dental pulp cells after application of a low-concentration bleaching gel to enamel. Archives of Oral Biology, 2015, 60, 1428-1436.	0.8	38
59	Osteoblast differentiation is enhanced by a nano-to-micro hybrid titanium surface created by Yb:YAG laser irradiation. Clinical Oral Investigations, 2016, 20, 503-511.	1.4	37
60	Biological Analysis of Simvastatin-releasing Chitosan Scaffold as a Cell-free System for Pulp-dentin Regeneration. Journal of Endodontics, 2018, 44, 971-976.e1.	1.4	37
61	Transdentinal cytotoxic effects of different concentrations of chlorhexidine gel applied on acidâ€conditioned dentin substrate. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2010, 92B, 40-47.	1.6	36
62	Effects of light-curing time on the cytotoxicity of a restorative composite resin on odontoblast-like cells. Journal of Applied Oral Science, 2010, 18, 461-466.	0.7	36
63	Indirect cytotoxicity of a 35% hydrogen peroxide bleaching gel on cultured odontoblast-like cells. Brazilian Dental Journal, 2009, 20, 267-274.	0.5	35
64	In situ and in vitro comparison of laser fluorescence with visual inspection in detecting occlusal caries lesions. Lasers in Medical Science, 2011, 26, 1-5.	1.0	35
65	Immediate and late analysis of dental pulp stem cells viability after indirect exposition to alternative in-office bleaching strategies. Clinical Oral Investigations, 2015, 19, 1013-1020.	1.4	35
66	Inhibitory activity of glass-ionomer cements on cariogenic bacteria. Operative Dentistry, 2005, 30, 636-40.	0.6	35
67	Cytotoxic effects and pulpal response caused by a mineral trioxide aggregate formulation and calcium hydroxide. American Journal of Dentistry, 2008, 21, 255-61.	0.1	35
68	Effect of low-level laser irradiation on odontoblast-like cells. Laser Physics Letters, 2008, 5, 680-685.	0.6	34
69	Adhesive performance of dentin bonding agents appliedin vivo andin vitro. Effect of intrapulpal pressure and dentin depth. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2007, 83B, 295-303.	1.6	32
70	Effect of hydrogen-peroxide-mediated oxidative stress on human dental pulp cells. Journal of Dentistry, 2015, 43, 750-756.	1.7	32
71	Increased Durability of Resin-Dentin Bonds Following Cross-Linking Treatment. Operative Dentistry, 2015, 40, 533-539.	0.6	32
72	Transdentinal protective role of sodium ascorbate against the cytopathic effects of H2O2 released from bleaching agents. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, e70-e76.	1.6	31

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73	Phototherapy up-regulates dentin matrix proteins expression and synthesis by stem cells from human-exfoliated deciduous teeth. Journal of Dentistry, 2014, 42, 1292-1299.	1.7	31
74	Transdentinal cytotoxicity of glutaraldehyde on odontoblast-like cells. Journal of Dentistry, 2015, 43, 997-1006.	1.7	31
75	Transdentinal cytotoxicity of resin-based luting cements to pulp cells. Clinical Oral Investigations, 2016, 20, 1559-1566.	1.4	31
76	Synergistic potential of 1Î±,25-dihydroxyvitamin D3 and calciumâ€“aluminateâ€“chitosan scaffolds with dental pulp cells. Clinical Oral Investigations, 2020, 24, 663-674.	1.4	31
77	Esthetic dental anomalies as motive for bullying in schoolchildren. European Journal of Dentistry, 2014, 08, 124-128.	0.8	30
78	Effect of LPS treatment on the viability and chemokine synthesis by epithelial cells and gingival fibroblasts. Archives of Oral Biology, 2015, 60, 1117-1121.	0.8	30
79	Cytotoxic effects of different concentrations of chlorhexidine. American Journal of Dentistry, 2007, 20, 400-4.	0.1	30
80	Extravasation mucocele involving the ventral surface of the tongue (glands of Blandin?Nuhn). International Journal of Paediatric Dentistry, 2006, 16, 435-439.	1.0	29
81	Influence of human dentine on the antibacterial activity of self-etching adhesive systems against cariogenic bacteria. Journal of Dentistry, 2008, 36, 241-248.	1.7	29
82	Increased whitening efficacy and reduced cytotoxicity are achieved by the chemical activation of a highly concentrated hydrogen peroxide bleaching gel. Journal of Applied Oral Science, 2019, 27, e20180453.	0.7	29
83	Characterization of novel calcium hydroxideâ€mediated highly porous chitosanâ€calcium scaffolds for potential application in dentin tissue engineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 2546-2559.	1.6	29
84	Odontogenic differentiation potential of human dental pulp cells cultured on a calcium-aluminate enriched chitosan-collagen scaffold. Clinical Oral Investigations, 2017, 21, 2827-2839.	1.4	28
85	Bleaching effectiveness, hydrogen peroxide diffusion, and cytotoxicity of a chemically activated bleaching gel. Clinical Oral Investigations, 2013, 18, 1631-7.	1.4	27
86	Cross-linked dry bonding: A new etch-and-rinse technique. Dental Materials, 2016, 32, 1124-1132.	1.6	27
87	Cytotoxic effects of different concentrations of a carbamide peroxide bleaching gel on odontoblastâ€like cells MDPCâ€23. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 90B, 907-912.	1.6	26
88	Chitosan-collagen biomembrane embedded with calcium-aluminate enhances dentinogenic potential of pulp cells. Brazilian Oral Research, 2016, 30, e54.	0.6	26
89	Cytotoxic Effects of Zoledronic Acid on Human Epithelial Cells and Gingival Fibroblasts. Brazilian Dental Journal, 2013, 24, 551-558.	0.5	25
90	Cytotoxic effects of hard-setting cements applied on the odontoblast cell line MDPC-23. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2007, 104, e102-e108.	1.6	24

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91	Effects of light-curing time on the cytotoxicity of a restorative resin composite applied to an immortalized odontoblast-cell line. Operative Dentistry, 2003, 28, 365-70.	0.6	24
92	Measurement of the group delay of laser mirrors by a Fabryâ€“Perot interferometer. Optics Letters, 1995, 20, 2339.	1.7	23
93	In vivo evaluation of the biocompatibility of three current bonding agents. Journal of Oral Rehabilitation, 2006, 33, 542-550.	1.3	23
94	Cytotoxic effects of White-MTA and MTA-Bio cements on odontoblast-like cells (MDPC-23). Brazilian Dental Journal, 2010, 21, 24-31.	0.5	23
95	Transdentinal cytotoxicity of experimental adhesive systems of different hydrophilicity applied to ethanol-saturated dentin. Dental Materials, 2013, 29, 980-990.	1.6	23
96	Effect of Fluoride-Treated Enamel on Indirect Cytotoxicity of a 16% Carbamide Peroxide Bleaching Gel to Pulp Cells. Brazilian Dental Journal, 2013, 24, 121-127.	0.5	23
97	Effects of low-level laser therapy on the proliferation and apoptosis of gingival fibroblasts treated with zoledronic acid. International Journal of Oral and Maxillofacial Surgery, 2014, 43, 1030-1034.	0.7	23
98	Infrared <scp>LED</scp> irradiation photobiomodulation of oxidative stress in human dental pulp cells. International Endodontic Journal, 2014, 47, 747-755.	2.3	23
99	Correlation between light transmission and permeability of human dentin. Lasers in Medical Science, 2012, 27, 191-196.	1.0	22
100	Microstructures, Mechanical Properties, and Strain Hardening Behavior of an Ultrahigh Strength Dual Phase Steel Developed by Intercritical Annealing of Cold-Rolled Ferrite/Martensite. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 3052-3062.	1.1	22
101	Epithelial cell-enhanced metabolism by low-level laser therapy and epidermal growth factor. Lasers in Medical Science, 2018, 33, 445-449.	1.0	22
102	Effects of a Dicalcium and Tetracalcium Phosphate-Based Desensitizer on In Vitro Dentin Permeability. PLoS ONE, 2016, 11, e0158400.	1.1	22
103	Effects of zoledronic acid on odontoblast-like cells. Archives of Oral Biology, 2013, 58, 467-473.	0.8	21
104	Experimental use of an acrolein-based primer as collagen cross-linker for dentine bonding. Journal of Dentistry, 2018, 68, 85-90.	1.7	21
105	Exposed collagen in aged resin-dentin bonds produced on sound and caries-affected dentin in the presence of chlorhexidine. Journal of Adhesive Dentistry, 2011, 13, 117-24.	0.3	21
106	Low-level laser therapy in 3D cell culture model using gingival fibroblasts. Lasers in Medical Science, 2016, 31, 973-978.	1.0	20
107	Indirect cytocompatibility of a lowâ€concentration hydrogen peroxide bleaching gel to odontoblastâ€like cells. International Endodontic Journal, 2016, 49, 26-36.	2.3	20
108	Cytotoxicity of adhesive systems of different hydrophilicities on cultured odontoblastâ€like cells. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101, 1498-1507.	1.6	18

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109	Toxic effects of daily applications of 10% carbamide peroxide on odontoblast-like MDPC-23 cells. Acta Odontologica Scandinavica, 2013, 71, 1319-1325.	0.9	18
110	Transdentinal Cell Photobiomodulation Using Different Wavelengths. Operative Dentistry, 2015, 40, 102-111.	0.6	18
111	Effects of low-level laser therapy and epidermal growth factor on the activities of gingival fibroblasts obtained from young or elderly individuals. Lasers in Medical Science, 2017, 32, 45-52.	1.0	18
112	Fibronectin-loaded Collagen/Gelatin Hydrogel Is a Potent Signaling Biomaterial for Dental Pulp Regeneration. Journal of Endodontics, 2021, 47, 1110-1117.	1.4	17
113	Effect of acid etching time on the degradation of resin-dentin bonds in primary teeth. American Journal of Dentistry, 2009, 22, 37-42.	0.1	17
114	Staphylococcus Aureus Contamination in a Pediatric Dental Clinic. Journal of Clinical Pediatric Dentistry, 2009, 34, 13-18.	0.5	16
115	Wettability of chlorhexidine treated nonâ€carious and cariesâ€affected dentine. Australian Dental Journal, 2014, 59, 37-42.	0.6	16
116	Immediate human pulp response to ethanol-wet bonding technique. Journal of Dentistry, 2015, 43, 537-545.	1.7	16
117	Influence of bisphosphonates on the adherence and metabolism of epithelial cells and gingival fibroblasts to titanium surfaces. Clinical Oral Investigations, 2018, 22, 893-900.	1.4	16
118	Effects of Enzymatic Activation of Bleaching Gels on Hydrogen Peroxide Degradation Rates, Bleaching Effectiveness, and Cytotoxicity. Operative Dentistry, 2019, 44, 414-423.	0.6	16
119	Characterization of titanium surface coated with epidermal growth factor and its effect on human gingival fibroblasts. Archives of Oral Biology, 2019, 102, 48-54.	0.8	16
120	Nd:YAG laser irradiation of etched/unetched dentin through an uncured two-step etch-and-rinse adhesive and its effect on microtensile bond strength. Journal of Adhesive Dentistry, 2012, 14, 137-45.	0.3	16
121	Protective Effect of Alpha-Tocopherol Isomer from Vitamin E against the H2O2Induced Toxicity on Dental Pulp Cells. BioMed Research International, 2014, 2014, 1-5.	0.9	15
122	Low-level laser therapy for osteonecrotic lesions: effects on osteoblasts treated with zoledronic acid. Supportive Care in Cancer, 2014, 22, 2741-2748.	1.0	15
123	Cytocompatibility of <scp>HEMA</scp>â€“free resinâ€“based luting cements according to application protocols on dentine surfaces. International Endodontic Journal, 2016, 49, 551-560.	2.3	15
124	Dose-Response and Time-Course of a-Tocoferol Mediating the Cytoprotection Of Dental Pulp Cells Against Hydrogen Peroxide. Brazilian Dental Journal, 2014, 25, 367-371.	0.5	14
125	The effects of ethanol on the size-exclusion characteristics of type I dentin collagen to adhesive resin monomers. Acta Biomaterialia, 2016, 33, 235-241.	4.1	14
126	Protective Effect of Sodium Ascorbate on MDPC-23 Odontoblast-Like Cells Exposed to a Bleaching Agent. European Journal of Dentistry, 2010, 4, 238-44.	0.8	14

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127	Biocompatibility of a restorative resin-modified glass ionomer cement applied in very deep cavities prepared in human teeth. General Dentistry, 2016, 64, 33-40.	0.4	14
128	Does the method of caries induction influence the bond strength to dentin of primary teeth?. Journal of Adhesive Dentistry, 2014, 16, 333-8.	0.3	14
129	Effect of low-level laser therapy on odontoblast-like cells exposed to bleaching agent. Lasers in Medical Science, 2014, 29, 1533-1538.	1.0	13
130	Effect of method of caries induction on aged resin-dentin bond of primary teeth. BMC Oral Health, 2015, 15, 79.	0.8	13
131	Photobiomodulation of inflammatory-cytokine-related effects in a 3-D culture model with gingival fibroblasts. Lasers in Medical Science, 2020, 35, 1205-1212.	1.0	13
132	Antioxidant therapy enhances pulpal healing in bleached teeth. Restorative Dentistry & Endodontics, 2016, 41, 44.	0.6	12
133	Polymeric biomaterials maintained the esthetic efficacy and reduced the cytotoxicity of inâ€office dental bleaching. Journal of Esthetic and Restorative Dentistry, 2021, 33, 1139-1149.	1.8	12
134	Development of fibronectinâ€loaded nanofiber scaffolds for guided pulp tissue regeneration. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1244-1258.	1.6	12
135	Bond Strength of Two-Step Etch-and-Rinse Adhesive Systems to the Dentin of Primary and Permanent Teeth. Journal of Clinical Pediatric Dentistry, 2010, 35, 163-168.	0.5	11
136	Effect of different implant abutment surfaces on OBAâ€09 epithelial cell adhesion. Microscopy Research and Technique, 2017, 80, 1304-1309.	1.2	11
137	Cytotoxicity Evaluation of Root Canal Sealers Using an In Vitro Experimental Model with Roots. Brazilian Dental Journal, 2017, 28, 165-171.	0.5	11
138	Effect of Er:YAG laser irradiation and chitosan biomodification on the stability of resin/demineralized bovine dentin bond. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 91, 220-228.	1.5	11
139	Patient comfort in periapical examination using digital receptors. Dentomaxillofacial Radiology, 2009, 38, 484-488.	1.3	10
140	Dose-responses of Stem Cells from Human Exfoliated Teeth to Infrared LED Irradiation. Brazilian Dental Journal, 2015, 26, 409-415.	0.5	10
141	Cytotoxicity of New Calcium Aluminate Cement (EndoBinder) Containing Different Radiopacifiers. Brazilian Dental Journal, 2017, 28, 57-64.	0.5	10
142	LLLT Effects on Oral Keratinocytes in an Organotypic 3D Model. Photochemistry and Photobiology, 2018, 94, 190-194.	1.3	10
143	Human pulp response to conventional and resin-modified glass ionomer cements applied in very deep cavities. Clinical Oral Investigations, 2020, 24, 1739-1748.	1.4	10
144	Direct and transdentinal antibacterial activity of chlorhexidine. American Journal of Dentistry, 2010, 23, 255-9.	0.1	10

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145	Effect of acid etching time on demineralization of primary and permanent coronal dentin. American Journal of Dentistry, 2012, 25, 235-8.	0.1	10
146	Nano-hydroxyapatite-incorporated polycaprolactone nanofibrous scaffold as a dentin tissue engineering-based strategy for vital pulp therapy. Dental Materials, 2022, 38, 960-977.	1.6	10
147	Comparative analysis of optical setups for excitation of dynamic gratings by ultrashort light pulses. Optics Communications, 2001, 199, 407-415.	1.0	9
148	Response of a co-culture model of epithelial cells and gingival fibroblasts to zoledronic acid. Brazilian Oral Research, 2016, 30, e122.	0.6	9
149	Cytotoxicity of acrylic resin-based materials used to fabricate interim crowns. Journal of Prosthetic Dentistry, 2020, 124, 122.e1-122.e9.	1.1	9
150	Response of pulp cells to resin infiltration of enamel white spot-like lesions. Dental Materials, 2021, 37, e329-e340.	1.6	9
151	Effect of reducing acid etching time on bond strength to noncarious and caries-affected primary and permanent dentin. Pediatric Dentistry (discontinued), 2013, 35, 199-204.	0.4	9
152	Cytotoxicity of resin-based luting cements to pulp cells. American Journal of Dentistry, 2014, 27, 237-44.	0.1	9
153	Exposed collagen in resin bonds to caries-affected dentin after dentin treatment with aqueous and alcoholic chlorhexidine solutions. Journal of Adhesive Dentistry, 2014, 16, 21-8.	0.3	9
154	Effects of Laser Irradiation on Pulp Cells Exposed to Bleaching Agents. Photochemistry and Photobiology, 2014, 90, 201-206.	1.3	8
155	Functional Differences In Gingival Fibroblasts Obtained from Young and Elderly Individuals. Brazilian Dental Journal, 2016, 27, 485-491.	0.5	8
156	Transdentinal photobiostimulation of stem cells from human exfoliated primary teeth. International Endodontic Journal, 2017, 50, 549-559.	2.3	8
157	Photobiomodulation in the Metabolism of Lipopolysaccharidesâ€exposed Epithelial Cells and Gingival Fibroblasts. Photochemistry and Photobiology, 2018, 94, 598-603.	1.3	8
158	Positive influence of simvastatin used as adjuvant agent for cavity lining. Clinical Oral Investigations, 2019, 23, 3457-3469.	1.4	8
159	Proteolytic activity, degradation, and dissolution of primary and permanent teeth. International Journal of Paediatric Dentistry, 2020, 30, 650-659.	1.0	8
160	Chemotherapy drugs and inflammatory cytokines enhance matrix metalloproteinases expression by oral mucosa cells. Archives of Oral Biology, 2021, 127, 105159.	0.8	8
161	Simvastatin-Enriched Macro-Porous Chitosan-Calcium-Aluminate Scaffold for Mineralized Tissue Regeneration. Brazilian Dental Journal, 2020, 31, 385-391.	0.5	8
162	All-optical spatial light modulator with megahertz modulation rates. Optics Letters, 1995, 20, 2099.	1.7	7

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163	Eruption Cysts in the Neonate. Journal of Clinical Pediatric Dentistry, 2008, 32, 243-246.	0.5	7
164	Influence of Restoration Type on the Cytotoxicity of a 35% Hydrogen Peroxide Bleaching Gel. Operative Dentistry, 2016, 41, 293-304.	0.6	7
165	Development of an oral mucosa equivalent using a porcine dermal matrix. British Journal of Oral and Maxillofacial Surgery, 2017, 55, 308-311.	0.4	7
166	Phenotypic markers of oral keratinocytes seeded on two distinct 3D oral mucosa models. Toxicology in Vitro, 2018, 51, 34-39.	1.1	7
167	Effects of intrapulpal temperature change induced by visible light units on the metabolism of odontoblast-like cells. American Journal of Dentistry, 2009, 22, 151-6.	0.1	7
168	LED light attenuation through human dentin: a first step toward pulp photobiomodulation after cavity preparation. American Journal of Dentistry, 2013, 26, 319-23.	0.1	7
169	Innovative strategy for in-office tooth bleaching using violet LED and biopolymers as H2O2 catalysts. Photodiagnosis and Photodynamic Therapy, 2022, 38, 102886.	1.3	7
170	Fluid jet with variable thickness in the range 5-20 mu m. Measurement Science and Technology, 1994, 5, 601-603.	1.4	6
171	Effect of Collagen Matrix Saturation on the Surface Free Energy of Dentin using Different Agents. Journal of Contemporary Dental Practice, 2015, 16, 531-536.	0.2	6
172	Congenital epulis: A rare benign tumor in the newborn. Journal of the Indian Society of Pedodontics and Preventive Dentistry, 2010, 28, 230.	0.1	6
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