Carlos Alberto De Souza Costa

List of Publications by Year
in descending order

227 papers	7,060 citations	57758 44 h-index	91884 69 g-index
229 all docs	229 docs citations	229 times ranked	5866 citing authors

#	Article	IF	Citations
1	Photobiomodulation effect of red LED (630 nm) on the free radical levels produced by pulp cells under stress conditions. Lasers in Medical Science, 2022, 37, 607-617.	2.1	5
2	Effect of Time and Temperature of Air Jet on the Mechanical and Biological Behavior of a Universal Adhesive System. Operative Dentistry, 2022, 47, 87-96.	1.2	1
3	Cytocompatibility and bioactivity of calcium hydroxide-containing nanofiber scaffolds loaded with fibronectin for dentin tissue engineering. Clinical Oral Investigations, 2022, 26, 4031-4047.	3.0	5
4	Mineralâ€induced bubbling effect and biomineralization as strategies to create highly porous and bioactive scaffolds for dentin tissue engineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 1757-1770.	3.4	2
5	Strategy for reducing cytotoxicity and obtaining esthetic efficacy with 15Âmin of in-office dental bleaching. Clinical Oral Investigations, 2022, 26, 4099-4108.	3.0	5
6	Nano-hydroxyapatite-incorporated polycaprolactone nanofibrous scaffold as a dentin tissue engineering-based strategy for vital pulp therapy. Dental Materials, 2022, 38, 960-977.	3.5	10
7	Chitosan in association with osteogenic factors as a cell-homing platform for dentin regeneration: Analysis in a pulp-in-a-chip model. Dental Materials, 2022, 38, 655-669.	3.5	8
8	Influence of ceramic veneer on the transdentinal cytotoxicity, degree of conversion and bond strength of light-cured resin cements to dentin. Dental Materials, 2022, 38, e160-e173.	3.5	2
9	Pro-inflammatory mediators expression by pulp cells following tooth whitening on restored enamel surface. Brazilian Dental Journal, 2022, 33, 83-90.	1.1	5
10	Innovative strategy for in-office tooth bleaching using violet LED and biopolymers as H2O2 catalysts. Photodiagnosis and Photodynamic Therapy, 2022, 38, 102886.	2.6	7
11	Regulation of interleukin-6 and matrix metalloproteinases syntheses by bioflavonoids and photobiomodulation in human gingival fibroblasts. Lasers in Medical Science, 2022, 37, 2973-2987.	2.1	4
12	Bioactivity effects of extracellular matrix proteins on apical papilla cells. Journal of Applied Oral Science, 2021, 29, e20210038.	1.8	1
13	Photobiomodulation using LLLT and LED of cells involved in osseointegration and peri-implant soft tissue healing. Lasers in Medical Science, 2021, , 1.	2.1	1
14	Effects of EGF-coated titanium surfaces on adhesion and metabolism of bisphosphonate-treated human keratinocytes and gingival fibroblasts. Clinical Oral Investigations, 2021, 25, 5775-5784.	3.0	2
15	Response of pulp cells to resin infiltration of enamel white spot-like lesions. Dental Materials, 2021, 37, e329-e340.	3.5	9
16	Platform technologies for regenerative endodontics from multifunctional biomaterials to tooth-on-a-chip strategies. Clinical Oral Investigations, 2021, 25, 4749-4779.	3.0	23
17	Chemotherapy drugs and inflammatory cytokines enhance matrix metalloproteinases expression by oral mucosa cells. Archives of Oral Biology, 2021, 127, 105159.	1.8	8
18	Fibronectin-loaded Collagen/Gelatin Hydrogel Is a Potent Signaling Biomaterial for Dental Pulp Regeneration. Journal of Endodontics, 2021, 47, 1110-1117.	3.1	17

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19	Influence of bisphosphonates on oral implantology: Sodium alendronate and zoledronic acid enhance the synthesis and activity of matrix metalloproteinases by gingival fibroblasts seeded on titanium. Archives of Oral Biology, 2021, 127, 105134.	1.8	5
20	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.	3.8	12
21	Chitosan-Calcium-Simvastatin Scaffold as an Inductive Cell-Free Platform. Journal of Dental Research, 2021, 100, 1118-1126.	5.2	13
22	Injectable Multifunctional Drug Delivery System for Hard Tissue Regeneration under Inflammatory Microenvironments. ACS Applied Bio Materials, 2021, 4, 6993-7006.	4.6	16
23	Specific parameters of infrared LED irradiation promote the inhibition of oxidative stress in dental pulp cells. Archives of Oral Biology, 2021, 131, 105273.	1.8	6
24	Development of fibronectinâ€loaded nanofiber scaffolds for guided pulp tissue regeneration. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1244-1258.	3.4	12
25	Proliferation rate and expression of stem cells markers during expansion in primary culture of pulp cells. Brazilian Oral Research, 2021, 35, e128.	1.4	1
26	Proteolytic activity and degradation of bovine versus human dentin matrices. Journal of Applied Oral Science, 2021, 29, e20210290.	1.8	4
27	Dose- and time-dependent effects of taxifolin on viability and mineralization markers of osteoblast-like cells. Brazilian Oral Research, 2021, 35, e140.	1.4	2
28	Synergistic potential of 1Î±,25-dihydroxyvitamin D3 and calciumâ€“aluminateâ€“chitosan scaffolds with dental pulp cells. Clinical Oral Investigations, 2020, 24, 663-674.	3.0	31
29	Human pulp response to conventional and resin-modified glass ionomer cements applied in very deep cavities. Clinical Oral Investigations, 2020, 24, 1739-1748.	3.0	10
30	In vitro effects of photobiomodulation applied to gingival fibroblasts cultured on titanium and zirconia surfaces and exposed to LPS from Escherichia coli. Lasers in Medical Science, 2020, 35, 2031-2038.	2.1	3
31	Photobiomodulation of inflammatory-cytokine-related effects in a 3-D culture model with gingival fibroblasts. Lasers in Medical Science, 2020, 35, 1205-1212.	2.1	13
32	Proteolytic activity, degradation, and dissolution of primary and permanent teeth. International Journal of Paediatric Dentistry, 2020, 30, 650-659.	1.8	8
33	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.	3.4	29
34	Cytotoxicity of acrylic resin-based materials used to fabricate interim crowns. Journal of Prosthetic Dentistry, 2020, 124, 122.e1-122.e9.	2.8	9
35	Influence of Bisphosphonates on the Behavior of Osteoblasts Seeded Onto Titanium Discs. Brazilian Dental Journal, 2020, 31, 304-309.	1.1	5
36	Simvastatin-Enriched Macro-Porous Chitosan-Calcium-Aluminate Scaffold for Mineralized Tissue Regeneration. Brazilian Dental Journal, 2020, 31, 385-391.	1.1	8

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37	Influence of Tooth Pigmentation on H2O2 Diffusion and Its Cytotoxicity After In-office Tooth Bleaching. Operative Dentistry, 2020, 45, 632-642.	1.2	11
38	Biological Aspects of Dental Materials. Journal of Adhesive Dentistry, 2020, 22, 540-544.	0.5	6
39	Antimicrobial photodynamic therapy reduces adhesion capacity and biofilm formation of Candida albicans from induced oral candidiasis in mice. Photodiagnosis and Photodynamic Therapy, 2019, 27, 402-407.	2.6	31
40	Influence of Zirconia-Coated Bioactive Glass on Gingival Fibroblast Behavior. Brazilian Dental Journal, 2019, 30, 333-341.	1.1	6
41	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.	1.8	29
42	Antimicrobial Photodynamic Therapy in Combination with Nystatin in the Treatment of Experimental Oral Candidiasis Induced by Candida albicans Resistant to Fluconazole. Pharmaceuticals, 2019, 12, 140.	3.8	27
43	Effects of Enzymatic Activation of Bleaching Gels on Hydrogen Peroxide Degradation Rates, Bleaching Effectiveness, and Cytotoxicity. Operative Dentistry, 2019, 44, 414-423.	1.2	16
44	Effect of analogues of cationic peptides on dentin mineralization markers in odontoblast-like cells. Archives of Oral Biology, 2019, 103, 19-25.	1.8	6
45	Characterization of titanium surface coated with epidermal growth factor and its effect on human gingival fibroblasts. Archives of Oral Biology, 2019, 102, 48-54.	1.8	16
46	Positive influence of simvastatin used as adjuvant agent for cavity lining. Clinical Oral Investigations, 2019, 23, 3457-3469.	3.0	8
47	Photodithazine-mediated antimicrobial photodynamic therapy against fluconazole-resistant Candida albicans in vivo. Medical Mycology, 2019, 57, 609-617.	0.7	21
48	Biological Analysis of Simvastatin-releasing Chitosan Scaffold as a Cell-free System for Pulp-dentin Regeneration. Journal of Endodontics, 2018, 44, 971-976.e1.	3.1	37
49	Photobiomodulation in the Metabolism of Lipopolysaccharidesâ€exposed Epithelial Cells and Gingival Fibroblasts. Photochemistry and Photobiology, 2018, 94, 598-603.	2.5	8
50	Simvastatin and nanofibrous poly(l-lactic acid) scaffolds to promote the odontogenic potential of dental pulp cells in an inflammatory environment. Acta Biomaterialia, 2018, 68, 190-203.	8.3	57
51	Epithelial cell-enhanced metabolism by low-level laser therapy and epidermal growth factor. Lasers in Medical Science, 2018, 33, 445-449.	2.1	22
52	Influence of bisphosphonates on the adherence and metabolism of epithelial cells and gingival fibroblasts to titanium surfaces. Clinical Oral Investigations, 2018, 22, 893-900.	3.0	16
53	LLLT Effects on Oral Keratinocytes in an Organotypic 3D Model. Photochemistry and Photobiology, 2018, 94, 190-194.	2.5	10
54	Effect of crosslinkers on bond strength stability of fiber posts to root canal dentin and in situ proteolytic activity. Journal of Prosthetic Dentistry, 2018, 119, 494.e1-494.e9.	2.8	5

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55	Bond Strength and Cytotoxicity of a Universal Adhesive According to the Hybridization Strategies to Dentin. Brazilian Dental Journal, 2018, 29, 68-75.	1.1	34
56	Phenotypic markers of oral keratinocytes seeded on two distinct 3D oral mucosa models. Toxicology in Vitro, 2018, 51, 34-39.	2.4	7
57	Transdentinal photobiostimulation of stem cells from human exfoliated primary teeth. International Endodontic Journal, 2017, 50, 549-559.	5.0	8
58	Influence of enamel/dentin thickness on the toxic and esthetic effects of experimental in-office bleaching protocols. Clinical Oral Investigations, 2017, 21, 2509-2520.	3.0	59
59	Odontogenic differentiation potential of human dental pulp cells cultured on a calcium-aluminate enriched chitosan-collagen scaffold. Clinical Oral Investigations, 2017, 21, 2827-2839.	3.0	28
60	Design, Synthesis, and Characterization of N-Oxide-Containing Heterocycles with in Vivo Sterilizing Antitubercular Activity. Journal of Medicinal Chemistry, 2017, 60, 8647-8660.	6.4	43
61	â€œMetabolism of Odontoblast-like cells submitted to transdentinal irradiation with blue and red LEDâ€• Archives of Oral Biology, 2017, 83, 258-264.	1.8	3
62	Effect of different implant abutment surfaces on OBAâ€09 epithelial cell adhesion. Microscopy Research and Technique, 2017, 80, 1304-1309.	2.2	11
63	PAR-1 and PAR-2 Expression Is Enhanced in Inflamed Odontoblast Cells. Journal of Dental Research, 2017, 96, 1518-1525.	5.2	11
64	Development of an oral mucosa equivalent using a porcine dermal matrix. British Journal of Oral and Maxillofacial Surgery, 2017, 55, 308-311.	0.8	7
65	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.	2.1	18
66	Cytotoxicity Evaluation of Root Canal Sealers Using an In Vitro Experimental Model with Roots. Brazilian Dental Journal, 2017, 28, 165-171.	1.1	11
67	In vitro and in vivo evaluations of glass-ionomer cement containing chlorhexidine for Atraumatic Restorative Treatment. Journal of Applied Oral Science, 2017, 25, 541-550.	1.8	23
68	Cytotoxicity of New Calcium Aluminate Cement (EndoBinder) Containing Different Radiopacifiers. Brazilian Dental Journal, 2017, 28, 57-64.	1.1	10
69	Biostimulatory effects of simvastatin on MDPC-23 odontoblast-like cells. Brazilian Oral Research, 2017, 31, e104.	1.4	4
70	Systemic effect of mineral aggregate-based cements: histopathological analysis in rats. Journal of Applied Oral Science, 2017, 25, 620-630.	1.8	12
71	Repair of Bone Defects with Chitosan-Collagen Biomembrane and Scaffold Containing Calcium Aluminate Cement. Brazilian Dental Journal, 2017, 28, 287-295.	1.1	15
72	Functional Differences In Gingival Fibroblasts Obtained from Young and Elderly Individuals. Brazilian Dental Journal, 2016, 27, 485-491.	1.1	8

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73	Red LED Photobiomodulates the Metabolic Activity of Odontoblast-Like Cells. Brazilian Dental Journal, 2016, 27, 375-380.	1.1	5
74	Response of a co-culture model of epithelial cells and gingival fibroblasts to zoledronic acid. Brazilian Oral Research, 2016, 30, e122.	1.4	9
75	Antioxidant therapy enhances pulpal healing in bleached teeth. Restorative Dentistry & Endodontics, 2016, 41, 44.	1.5	12
76	Cytotoxic effects of new MTA-based cement formulations on fibroblast-like MDPL-20 cells. Brazilian Oral Research, 2016, 30, .	1.4	5
77	Treatment of Oral Candidiasis Using PhotodithazineÂ®- Mediated Photodynamic Therapy In Vivo. PLoS ONE, 2016, 11, e0156947.	2.5	54
78	Chitosan-collagen biomembrane embedded with calcium-aluminate enhances dentinogenic potential of pulp cells. Brazilian Oral Research, 2016, 30, e54.	1.4	26
79	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.	5.0	15
80	Low-level laser therapy in 3D cell culture model using gingival fibroblasts. Lasers in Medical Science, 2016, 31, 973-978.	2.1	20
81	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.	3.4	49
82	Nutritional deprivation and LPS exposure as feasible methods for induction of cellular â€” A methodology to validate for vitro photobiomodulation studies. Journal of Photochemistry and Photobiology B: Biology, 2016, 159, 205-210.	3.8	4
83	Indirect cytocompatibility of a lowâ€concentration hydrogen peroxide bleaching gel to odontoblastâ€like cells. International Endodontic Journal, 2016, 49, 26-36.	5.0	20
84	Complications from the Use of Peroxides. , 2016, , 45-79.		6
85	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.	2.1	57
86	Human Pulpal Responses to Peroxides. , 2016, , 81-97.		2
87	In vivo photodynamic inactivation of Candida albicans using chloroâ€aluminum phthalocyanine. Oral Diseases, 2016, 22, 415-422.	3.0	19
88	Metabolic activity of odontoblast-like cells irradiated with blue LED (455Ânm). Lasers in Medical Science, 2016, 31, 119-125.	2.1	2
89	Synthesis of dental matrix proteins and viability of odontoblast-like cells irradiated with blue LED. Lasers in Medical Science, 2016, 31, 523-530.	2.1	3
90	Transdentinal cytotoxicity of resin-based luting cements to pulp cells. Clinical Oral Investigations, 2016, 20, 1559-1566.	3.0	31

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91	The Primary Pulp: Developmental and Biomedical Background. , 2016, , 7-22.		4
92	Influence of Restoration Type on the Cytotoxicity of a 35% Hydrogen Peroxide Bleaching Gel. Operative Dentistry, 2016, 41, 293-304.	1.2	7
93	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.	3.0	37
94	Uninfiltrated Collagen in Hybrid Layers produced after Reduced Acid-etching Time on Primary and Permanent Dentin. Journal of Contemporary Dental Practice, 2016, 17, 861-866.	0.5	1
95	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
96	Dose-responses of Stem Cells from Human Exfoliated Teeth to Infrared LED Irradiation. Brazilian Dental Journal, 2015, 26, 409-415.	1.1	10
97	Response of Human Pulps to Different In-Office Bleaching Techniques: Preliminary Findings. Brazilian Dental Journal, 2015, 26, 242-248.	1.1	53
98	At-Home Bleaching: Color Alteration, Hydrogen Peroxide Diffusion and Cytotoxicity. Brazilian Dental Journal, 2015, 26, 378-383.	1.1	17
99	Effect of LPS treatment on the viability and chemokine synthesis by epithelial cells and gingival fibroblasts. Archives of Oral Biology, 2015, 60, 1117-1121.	1.8	30
100	In vivo evaluation of photodynamic inactivation using PhotodithazineÂ® against Candida albicans. Photochemical and Photobiological Sciences, 2015, 14, 1319-1328.	2.9	27
101	Transdentinal Cytotoxicity of Carbodiimide (EDC) and Glutaraldehyde on Odontoblast-like Cells. Operative Dentistry, 2015, 40, 44-54.	1.2	41
102	Transdentinal Cell Photobiomodulation Using Different Wavelengths. Operative Dentistry, 2015, 40, 102-111.	1.2	18
103	Repair of Bone Defects Filled with New Calcium Aluminate Cement (EndoBinder). Journal of Endodontics, 2015, 41, 864-870.	3.1	21
104	Effect of hydrogen-peroxide-mediated oxidative stress on human dental pulp cells. Journal of Dentistry, 2015, 43, 750-756.	4.1	32
105	Increased Durability of Resin-Dentin Bonds Following Cross-Linking Treatment. Operative Dentistry, 2015, 40, 533-539.	1.2	32
106	Responses of human dental pulp cells after application of a low-concentration bleaching gel to enamel. Archives of Oral Biology, 2015, 60, 1428-1436.	1.8	38
107	Immediate human pulp response to ethanol-wet bonding technique. Journal of Dentistry, 2015, 43, 537-545.	4.1	16
108	Biomodulation of Inflammatory Cytokines Related to Oral Mucositis by Lowâ€Level Laser Therapy. Photochemistry and Photobiology, 2015, 91, 952-956.	2.5	43

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109	Cytotoxicity of dimethyl sulfoxide (DMSO) in direct contact with odontoblast-like cells. Dental Materials, 2015, 31, 399-405.	3.5	53
110	Transdentinal cytotoxicity of glutaraldehyde on odontoblast-like cells. Journal of Dentistry, 2015, 43, 997-1006.	4.1	31
111	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.	3.0	35
112	Color alteration, hydrogen peroxide diffusion, and cytotoxicity caused by in-office bleaching protocols. Clinical Oral Investigations, 2015, 19, 673-680.	3.0	54
113	Responses of dental pulp cells to a less invasive bleaching technique applied to adhesive-restored teeth. Journal of Adhesive Dentistry, 2015, 17, 155-61.	0.5	3
114	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.	1.1	14
115	Effects of Soft Denture Liners on L929 Fibroblasts, HaCaT Keratinocytes, and RAW 264.7 Macrophages. BioMed Research International, 2014, 2014, 1-14.	1.9	13
116	Protective Effect of Alpha-Tocopherol Isomer from Vitamin E against the H2O2Induced Toxicity on Dental Pulp Cells. BioMed Research International, 2014, 2014, 1-5.	1.9	15
117	Effects of Laser Irradiation on Pulp Cells Exposed to Bleaching Agents. Photochemistry and Photobiology, 2014, 90, 201-206.	2.5	8
118	Biocompatibility of New Calcium Aluminate Cement: Tissue Reaction and Expression of Inflammatory Mediators and Cytokines. Journal of Endodontics, 2014, 40, 2024-2029.	3.1	28
119	Wettability of chlorhexidine treated nonâ€carious and cariesâ€affected dentine. Australian Dental Journal, 2014, 59, 37-42.	1.5	16
120	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.	1.5	23
121	Effect of low-level laser therapy on odontoblast-like cells exposed to bleaching agent. Lasers in Medical Science, 2014, 29, 1533-1538.	2.1	13
122	Low-level laser therapy for osteonecrotic lesions: effects on osteoblasts treated with zoledronic acid. Supportive Care in Cancer, 2014, 22, 2741-2748.	2.2	15
123	The influence of photodynamic therapy parameters on the inactivation of Candida spp: in vitro and in vivo studies. Laser Physics, 2014, 24, 045601.	1.2	8
124	Phototherapy up-regulates dentin matrix proteins expression and synthesis by stem cells from human-exfoliated deciduous teeth. Journal of Dentistry, 2014, 42, 1292-1299.	4.1	31
125	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.	4.1	144
126	Effective tooth-bleaching protocols capable of reducing H2O2 diffusion through enamel and dentine. Journal of Dentistry, 2014, 42, 351-358.	4.1	82

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127	Inactivation of Matrix-bound Matrix Metalloproteinases by Cross-linking Agents in Acid-etched Dentin. Operative Dentistry, 2014, 39, 152-158.	1.2	58
128	Infrared <scp>LED</scp> irradiation photobiomodulation of oxidative stress in human dental pulp cells. International Endodontic Journal, 2014, 47, 747-755.	5.0	23
129	Stabilization of dentin matrix after cross-linking treatments, in vitro. Dental Materials, 2014, 30, 227-233.	3.5	81
130	Methods to evaluate and strategies to improve the biocompatibility of dental materials and operative techniques. Dental Materials, 2014, 30, 769-784.	3.5	100
131	Influence of adhesive restorations on diffusion of H2O2 released from a bleaching agent and its toxic effects on pulp cells. Journal of Adhesive Dentistry, 2014, 16, 123-8.	0.5	4
132	Cytotoxicity of resin-based luting cements to pulp cells. American Journal of Dentistry, 2014, 27, 237-44.	0.1	9
133	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.	0.5	9
134	Biostimulatory effect of low-level laser therapy on keratinocytes in vitro. Lasers in Medical Science, 2013, 28, 367-374.	2.1	121
135	Curcumin-mediated photodynamic inactivation ofCandida albicansin a murine model of oral candidiasis. Medical Mycology, 2013, 51, 243-251.	0.7	132
136	Zoledronic Acid Inhibits Human Osteoblast Activities. Gerontology, 2013, 59, 534-541.	2.8	46
137	Efficacy and cytotoxicity of a bleaching gel after short application times on dental enamel. Clinical Oral Investigations, 2013, 17, 1901-1909.	3.0	71
138	Effects of zoledronic acid on odontoblast-like cells. Archives of Oral Biology, 2013, 58, 467-473.	1.8	21
139	A Novel 785-nm Laser Diode-Based System for Standardization of Cell Culture Irradiation. Photomedicine and Laser Surgery, 2013, 31, 466-473.	2.0	25
140	Bleaching effectiveness, hydrogen peroxide diffusion, and cytotoxicity of a chemically activated bleaching gel. Clinical Oral Investigations, 2013, 18, 1631-7.	3.0	27
141	Zoledronic acid decreases gene expression of vascular endothelial growth factor and basic fibroblast growth factor by human epithelial cells. British Journal of Oral and Maxillofacial Surgery, 2013, 51, 971-973.	0.8	5
142	Safety assessment of oral photodynamic therapy in rats. Lasers in Medical Science, 2013, 28, 479-486.	2.1	18
143	In vitro and in vivo investigation of the biological and mechanical behaviour of resin-modified glass-ionomer cement containing chlorhexidine. Journal of Dentistry, 2013, 41, 155-163.	4.1	42
144	Transdentinal cytotoxicity of experimental adhesive systems of different hydrophilicity applied to ethanol-saturated dentin. Dental Materials, 2013, 29, 980-990.	3.5	23

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145	Phototoxic effect of curcumin on methicillin-resistant Staphylococcus aureus and L929 fibroblasts. Lasers in Medical Science, 2013, 28, 391-398.	2.1	92
146	Osteogenesis-inducing calcium phosphate nanoparticle precursors applied to titanium surfaces. Biomedical Materials (Bristol), 2013, 8, 035007.	3.3	15
147	Biostimulatory effects of low-level laser therapy on epithelial cells and gingival fibroblasts treated with zoledronic acid. Laser Physics, 2013, 23, 055601.	1.2	4
148	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.	3.4	18
149	Toxic effects of daily applications of 10% carbamide peroxide on odontoblast-like MDPC-23 cells. Acta Odontologica Scandinavica, 2013, 71, 1319-1325.	1.6	18
150	In vitrotransdentinal effect of low-level laser therapy. Laser Physics, 2013, 23, 055604.	1.2	5
151	Inhibition of osteoblast activity by zoledronic acid. Jornal Brasileiro De Patologia E Medicina Laboratorial, 2013, 49, 368-371.	0.3	1
152	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.	1.1	23
153	Cytotoxic Effects of Zoledronic Acid on Human Epithelial Cells and Gingival Fibroblasts. Brazilian Dental Journal, 2013, 24, 551-558.	1.1	25
154	Mineral Loss and Morphological Changes in Dental Enamel Induced by a 16% Carbamide Peroxide Bleaching Gel. Brazilian Dental Journal, 2013, 24, 517-521.	1.1	40
155	Low toxic effects of a whitening strip to cultured pulp cells. American Journal of Dentistry, 2013, 26, 283-5.	0.1	6
156	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
157	In Vitro Wound Healing Improvement by Low-Level Laser Therapy Application in Cultured Gingival Fibroblasts. International Journal of Dentistry, 2012, 2012, 1-6.	1.5	108
158	Influence of thicknesses of smear layer on the transdentinal cytotoxicity and bond strength of a resin-modified glass-ionomer cement. Brazilian Dental Journal, 2012, 23, 379-386.	1.1	5
159	Mechanical and biological characterization of resin-modified glass-ionomer cement containing doxycycline hyclate. Archives of Oral Biology, 2012, 57, 131-138.	1.8	24
160	Toxicity of photodynamic therapy with LED associated to PhotogemÂ®: An in vivo study. Lasers in Medical Science, 2012, 27, 403-411.	2.1	19
161	Correlation between light transmission and permeability of human dentin. Lasers in Medical Science, 2012, 27, 191-196.	2.1	22
162	In Vitro effect of low-level laser therapy on typical oral microbial biofilms. Brazilian Dental Journal, 2011, 22, 502-510.	1.1	39

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163	Transenamel and transdentinal cytotoxicity of carbamide peroxide bleaching gels on odontoblast-like MDPC-23 cells. International Endodontic Journal, 2011, 44, 116-125.	5.0	44
164	Investigation of the Photodynamic Effects of Curcumin Against Candida albicans. Photochemistry and Photobiology, 2011, 87, 895-903.	2.5	188
165	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.	3.5	39
166	Cellular and tissue effects induced by photogemÂ® and red LED in photodynamic therapy. Laser Physics, 2011, 21, 229-238.	1.2	6
167	In vitro effect of low-level laser on odontoblast-like cells. Laser Physics Letters, 2011, 8, 155-163.	1.4	44
168	Influence of the activation mode of a self-etch resin-based luting cement upon the metabolism of odontoblast-like cells. American Journal of Dentistry, 2011, 24, 233-8.	0.1	3
169	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.	0.5	21
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171	Increased viability of odontoblast-like cells subjected to low-level laser irradiation. Laser Physics, 2010, 20, 1659-1666.	1.2	39
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