

Carlos Alberto De Souza Costa

List of Publications by Citations

Source:

<https://exaly.com/author-pdf/5963446/carlos-alberto-de-souza-costa-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

222
papers

5,357
citations

39
h-index

60
g-index

229
ext. papers

6,183
ext. citations

3.3
avg, IF

5.63
L-index

#	Paper	IF	Citations
222	Human pulp responses to in-office tooth bleaching. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 109, e59-64		163
221	Investigation of the photodynamic effects of curcumin against <i>Candida albicans</i> . <i>Photochemistry and Photobiology</i> , 2011 , 87, 895-903	3.6	154
220	Current status of pulp capping with dentin adhesive systems: a review. <i>Dental Materials</i> , 2000 , 16, 188-93.	3.7	133
219	Biocompatibility of an adhesive system applied to exposed human dental pulp. <i>Journal of Endodontics</i> , 1999 , 25, 676-82	4.7	129
218	Chlorhexidine increases the longevity of in vivo resin-dentin bonds. <i>European Journal of Oral Sciences</i> , 2010 , 118, 411-6	2.3	116
217	Hypoxia enhances the angiogenic potential of human dental pulp cells. <i>Journal of Endodontics</i> , 2010 , 36, 1633-7	4.7	112
216	Susceptibility of <i>Candida albicans</i> to photodynamic therapy in a murine model of oral candidosis. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 109, 392-401		109
215	Biostimulatory effect of low-level laser therapy on keratinocytes in vitro. <i>Lasers in Medical Science</i> , 2013 , 28, 367-74	3.1	107
214	Cytotoxicity and biocompatibility of direct and indirect pulp capping materials. <i>Journal of Applied Oral Science</i> , 2009 , 17, 544-54	3.3	101
213	Concentrations of and application protocols for hydrogen peroxide bleaching gels: effects on pulp cell viability and whitening efficacy. <i>Journal of Dentistry</i> , 2014 , 42, 185-98	4.8	98
212	Curcumin-mediated photodynamic inactivation of <i>Candida albicans</i> in a murine model of oral candidiasis. <i>Medical Mycology</i> , 2013 , 51, 243-51	3.9	95
211	In vitro wound healing improvement by low-level laser therapy application in cultured gingival fibroblasts. <i>International Journal of Dentistry</i> , 2012 , 2012, 719452	1.9	93
210	Human pulp response after an adhesive system application in deep cavities. <i>Journal of Dentistry</i> , 1999 , 27, 557-64	4.8	89
209	In vitro cytotoxicity of five glass-ionomer cements. <i>Biomaterials</i> , 2003 , 24, 3853-8	15.6	84
208	Response of human pulps capped with a self-etching adhesive system. <i>Dental Materials</i> , 2001 , 17, 230-40.	3.7	81
207	Short-term evaluation of the pulpo-dentin complex response to a resin-modified glass-ionomer cement and a bonding agent applied in deep cavities. <i>Dental Materials</i> , 2003 , 19, 739-46	5.7	79
206	Phototoxic effect of curcumin on methicillin-resistant <i>Staphylococcus aureus</i> and L929 fibroblasts. <i>Lasers in Medical Science</i> , 2013 , 28, 391-8	3.1	74

205	In vitro cytotoxicity and in vivo biocompatibility of contemporary resin-modified glass-ionomer cements. <i>Dental Materials</i> , 2006 , 22, 838-44	5.7	74
204	Methods to evaluate and strategies to improve the biocompatibility of dental materials and operative techniques. <i>Dental Materials</i> , 2014 , 30, 769-84	5.7	71
203	Toxicity of chlorhexidine on odontoblast-like cells. <i>Journal of Applied Oral Science</i> , 2010 , 18, 50-8	3.3	70
202	Human pulp response to resin cements used to bond inlay restorations. <i>Dental Materials</i> , 2006 , 22, 954-627	5.7	64
201	Stabilization of dentin matrix after cross-linking treatments, in vitro. <i>Dental Materials</i> , 2014 , 30, 227-33	5.7	55
200	Response of human pulps following acid conditioning and application of a bonding agent in deep cavities. <i>Dental Materials</i> , 2002 , 18, 543-51	5.7	54
199	Effective tooth-bleaching protocols capable of reducing H ₂ O ₂ diffusion through enamel and dentine. <i>Journal of Dentistry</i> , 2014 , 42, 351-8	4.8	53
198	Trans-enamel and trans-dentinal cytotoxic effects of a 35% H ₂ O ₂ bleaching gel on cultured odontoblast cell lines after consecutive applications. <i>International Endodontic Journal</i> , 2009 , 42, 516-24	5.4	53
197	Efficacy and cytotoxicity of a bleaching gel after short application times on dental enamel. <i>Clinical Oral Investigations</i> , 2013 , 17, 1901-9	4.2	50
196	Biocompatibility of resin-based dental materials applied as liners in deep cavities prepared in human teeth. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007 , 81, 175-84	3.5	49
195	Inhibition of eukaryotic translation initiation factor 5A (eIF5A) hypusination impairs melanoma growth. <i>Cell Biochemistry and Function</i> , 2007 , 25, 109-14	4.2	48
194	Response of human pulps capped with different self-etch adhesive systems. <i>Clinical Oral Investigations</i> , 2008 , 12, 119-27	4.2	48
193	Transdentinal diffusion and cytotoxicity of self-etching adhesive systems. <i>Cell Biology and Toxicology</i> , 2009 , 25, 533-43	7.4	47
192	Effect of curing regime on the cytotoxicity of resin-modified glass-ionomer lining cements applied to an odontoblast-cell line. <i>Dental Materials</i> , 2006 , 22, 864-9	5.7	47
191	Biocompatibility of resin-based materials used as pulp-capping agents. <i>International Endodontic Journal</i> , 2003 , 36, 831-9	5.4	47
190	Cytotoxic effect of a 35% hydrogen peroxide bleaching gel on odontoblast-like MDPC-23 cells. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009 , 108, 458-64		45
189	Proliferation, migration, and expression of oral-mucosal-healing-related genes by oral fibroblasts receiving low-level laser therapy after inflammatory cytokines challenge. <i>Lasers in Surgery and Medicine</i> , 2016 , 48, 1006-1014	3.6	44
188	Cytotoxicity of dimethyl sulfoxide (DMSO) in direct contact with odontoblast-like cells. <i>Dental Materials</i> , 2015 , 31, 399-405	5.7	43

187	Inactivation of matrix-bound matrix metalloproteinases by cross-linking agents in acid-etched dentin. <i>Operative Dentistry</i> , 2014 , 39, 152-8	2.9	43
186	Treatment of Oral Candidiasis Using Photodithazine \square - Mediated Photodynamic Therapy In Vivo. <i>PLoS ONE</i> , 2016 , 11, e0156947	3.7	42
185	In vitro effect of low-level laser on odontoblast-like cells. <i>Laser Physics Letters</i> , 2011 , 8, 155-163	1.5	40
184	Response of human pulps after professionally applied vital tooth bleaching. <i>International Endodontic Journal</i> , 2010 , 43, 572-80	5.4	40
183	Increased viability of odontoblast-like cells subjected to low-level laser irradiation. <i>Laser Physics</i> , 2010 , 20, 1659-1666	1.2	38
182	Biocompatibility of two current adhesive resins. <i>Journal of Endodontics</i> , 2000 , 26, 512-6	4.7	38
181	Reactionary dentinogenesis after applying restorative materials and bioactive dentin matrix molecules as liners in deep cavities prepared in nonhuman primate teeth. <i>Journal of Oral Rehabilitation</i> , 2006 , 33, 452-61	3.4	37
180	Zoledronic acid inhibits human osteoblast activities. <i>Gerontology</i> , 2013 , 59, 534-41	5.5	36
179	Response of human pulps to different in-office bleaching techniques: preliminary findings. <i>Brazilian Dental Journal</i> , 2015 , 26, 242-8	1.9	36
178	Nutritional stress enhances cell viability of odontoblastlike cells subjected to low level laser irradiation. <i>Laser Physics Letters</i> , 2010 , 7, 247-251	1.5	36
177	Tumor Necrosis Factor- \square and Interleukin (IL)-1 \square IL-6, and IL-8 Impair In Vitro Migration and Induce Apoptosis of Gingival Fibroblasts and Epithelial Cells, Delaying Wound Healing. <i>Journal of Periodontology</i> , 2016 , 87, 990-6	4.6	36
176	Transenamel and transdental cytotoxicity of carbamide peroxide bleaching gels on odontoblast-like MDPC-23 cells. <i>International Endodontic Journal</i> , 2011 , 44, 116-25	5.4	35
175	Clinical and microbiological performance of resin-modified glass-ionomer liners after incomplete dentine caries removal. <i>Clinical Oral Investigations</i> , 2009 , 13, 465-71	4.2	35
174	Pulp response after application of two resin modified glass ionomer cements (RMGICs) in deep cavities of prepared human teeth. <i>Dental Materials</i> , 2011 , 27, e158-70	5.7	34
173	Leukotriene B4 mediates gammadelta T lymphocyte migration in response to diverse stimuli. <i>Journal of Leukocyte Biology</i> , 2010 , 87, 323-32	6.5	34
172	Scanning electron microscopy evaluation of the hard tissue barrier after pulp capping with calcium hydroxide, mineral trioxide aggregate (MTA) or ProRoot MTA. <i>Australian Endodontic Journal</i> , 2009 , 35, 78-84	1.7	34
171	Effect of low-level laser irradiation on odontoblast-like cells. <i>Laser Physics Letters</i> , 2008 , 5, 680-685	1.5	34
170	In Vitro effect of low-level laser therapy on typical oral microbial biofilms. <i>Brazilian Dental Journal</i> , 2011 , 22, 502-10	1.9	33

169	Influence of enamel/dentin thickness on the toxic and esthetic effects of experimental in-office bleaching protocols. <i>Clinical Oral Investigations</i> , 2017 , 21, 2509-2520	4.2	31
168	Biomodulation of Inflammatory Cytokines Related to Oral Mucositis by Low-Level Laser Therapy. <i>Photochemistry and Photobiology</i> , 2015 , 91, 952-6	3.6	31
167	Color alteration, hydrogen peroxide diffusion, and cytotoxicity caused by in-office bleaching protocols. <i>Clinical Oral Investigations</i> , 2015 , 19, 673-80	4.2	31
166	In vitro and in vivo investigation of the biological and mechanical behaviour of resin-modified glass-ionomer cement containing chlorhexidine. <i>Journal of Dentistry</i> , 2013 , 41, 155-63	4.8	31
165	Mineral loss and morphological changes in dental enamel induced by a 16% carbamide peroxide bleaching gel. <i>Brazilian Dental Journal</i> , 2013 , 24, 517-21	1.9	31
164	Indirect cytotoxicity of a 35% hydrogen peroxide bleaching gel on cultured odontoblast-like cells. <i>Brazilian Dental Journal</i> , 2009 , 20, 267-74	1.9	31
163	Osteoblast differentiation is enhanced by a nano-to-micro hybrid titanium surface created by Yb:YAG laser irradiation. <i>Clinical Oral Investigations</i> , 2016 , 20, 503-11	4.2	30
162	Effects of light-curing time on the cytotoxicity of a restorative composite resin on odontoblast-like cells. <i>Journal of Applied Oral Science</i> , 2010 , 18, 461-6	3.3	30
161	Design, Synthesis, and Characterization of N-Oxide-Containing Heterocycles with in Vivo Sterilizing Antitubercular Activity. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 8647-8660	8.3	29
160	Simvastatin and nanofibrous poly(l-lactic acid) scaffolds to promote the odontogenic potential of dental pulp cells in an inflammatory environment. <i>Acta Biomaterialia</i> , 2018 , 68, 190-203	10.8	29
159	Cytotoxic effects and pulpal response caused by a mineral trioxide aggregate formulation and calcium hydroxide. <i>American Journal of Dentistry</i> , 2008 , 21, 255-61	1.3	29
158	Cytotoxic effects of different concentrations of chlorhexidine. <i>American Journal of Dentistry</i> , 2007 , 20, 400-4	1.3	28
157	Responses of human dental pulp cells after application of a low-concentration bleaching gel to enamel. <i>Archives of Oral Biology</i> , 2015 , 60, 1428-36	2.8	27
156	Phototherapy up-regulates dentin matrix proteins expression and synthesis by stem cells from human-exfoliated deciduous teeth. <i>Journal of Dentistry</i> , 2014 , 42, 1292-9	4.8	27
155	Transdental cytotoxic effects of different concentrations of chlorhexidine gel applied on acid-conditioned dentin substrate. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010 , 92, 40-7	3.5	27
154	Light-emitting diode therapy in chemotherapy-induced mucositis. <i>Lasers in Surgery and Medicine</i> , 2008 , 40, 625-33	3.6	27
153	Biological Analysis of Simvastatin-releasing Chitosan Scaffold as a Cell-free System for Pulp-dentin Regeneration. <i>Journal of Endodontics</i> , 2018 , 44, 971-976.e1	4.7	26
152	Transdental protective role of sodium ascorbate against the cytopathic effects of H ₂ O ₂ released from bleaching agents. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 109, e70-6		26

151	Adhesive performance of dentin bonding agents applied in vivo and in vitro. Effect of intrapulpal pressure and dentin depth. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007 , 83, 295-303	3.5	26
150	Immediate and late analysis of dental pulp stem cells viability after indirect exposition to alternative in-office bleaching strategies. <i>Clinical Oral Investigations</i> , 2015 , 19, 1013-20	4.2	24
149	Antimicrobial photodynamic therapy reduces adhesion capacity and biofilm formation of <i>Candida albicans</i> from induced oral candidiasis in mice. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019 , 27, 402-407	2.5	24
148	Transdentinal cytotoxicity of carbodiimide (EDC) and glutaraldehyde on odontoblast-like cells. <i>Operative Dentistry</i> , 2015 , 40, 44-54	2.9	23
147	Effect of LPS treatment on the viability and chemokine synthesis by epithelial cells and gingival fibroblasts. <i>Archives of Oral Biology</i> , 2015 , 60, 1117-21	2.8	23
146	Biocompatibility of new calcium aluminate cement: tissue reaction and expression of inflammatory mediators and cytokines. <i>Journal of Endodontics</i> , 2014 , 40, 2024-9	4.7	22
145	In vivo evaluation of the biocompatibility of three current bonding agents. <i>Journal of Oral Rehabilitation</i> , 2006 , 33, 542-50	3.4	22
144	Transdentinal cytotoxicity of glutaraldehyde on odontoblast-like cells. <i>Journal of Dentistry</i> , 2015 , 43, 997-1006	4.8	21
143	Transdentinal cytotoxicity of resin-based luting cements to pulp cells. <i>Clinical Oral Investigations</i> , 2016 , 20, 1559-66	4.2	21
142	Mechanical and biological characterization of resin-modified glass-ionomer cement containing doxycycline hyclate. <i>Archives of Oral Biology</i> , 2012 , 57, 131-8	2.8	21
141	Extravasation mucocele involving the ventral surface of the tongue (glands of Blandin-Nuhn). <i>International Journal of Paediatric Dentistry</i> , 2006 , 16, 435-9	3.1	21
140	Synergistic potential of 1 α ,25-dihydroxyvitamin D3 and calcium-aluminate-chitosan scaffolds with dental pulp cells. <i>Clinical Oral Investigations</i> , 2020 , 24, 663-674	4.2	21
139	Effect of hydrogen-peroxide-mediated oxidative stress on human dental pulp cells. <i>Journal of Dentistry</i> , 2015 , 43, 750-6	4.8	20
138	Increased Durability of Resin-Dentin Bonds Following Cross-Linking Treatment. <i>Operative Dentistry</i> , 2015 , 40, 533-9	2.9	20
137	In vivo evaluation of photodynamic inactivation using Photodithazine against <i>Candida albicans</i> . <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 1319-28	4.2	20
136	Effects of low-level laser therapy on the proliferation and apoptosis of gingival fibroblasts treated with zoledronic acid. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2014 , 43, 1030-4	2.9	20
135	Cytotoxic effects of White-MTA and MTA-Bio cements on odontoblast-like cells (MDPC-23). <i>Brazilian Dental Journal</i> , 2010 , 21, 24-31	1.9	20
134	Effects of light-curing time on the cytotoxicity of a restorative resin composite applied to an immortalized odontoblast-cell line. <i>Operative Dentistry</i> , 2003 , 28, 365-70	2.9	20

133	Antimicrobial Photodynamic Therapy in Combination with Nystatin in the Treatment of Experimental Oral Candidiasis Induced by Resistant to Fluconazole. <i>Pharmaceuticals</i> , 2019 , 12,	5.2	19
132	Bleaching effectiveness, hydrogen peroxide diffusion, and cytotoxicity of a chemically activated bleaching gel. <i>Clinical Oral Investigations</i> , 2014 , 18, 1631-7	4.2	19
131	Cytotoxic effects of zoledronic acid on human epithelial cells and gingival fibroblasts. <i>Brazilian Dental Journal</i> , 2013 , 24, 551-8	1.9	19
130	Cytotoxic effects of hard-setting cements applied on the odontoblast cell line MDPC-23. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007 , 104, e102-8		19
129	Chitosan-collagen biomembrane embedded with calcium-aluminate enhances dentinogenic potential of pulp cells. <i>Brazilian Oral Research</i> , 2016 , 30, e54	2.6	19
128	Repair of Bone Defects Filled with New Calcium Aluminate Cement (EndoBinder). <i>Journal of Endodontics</i> , 2015 , 41, 864-70	4.7	18
127	Infrared LED irradiation photobiomodulation of oxidative stress in human dental pulp cells. <i>International Endodontic Journal</i> , 2014 , 47, 747-55	5.4	18
126	Effects of zoledronic acid on odontoblast-like cells. <i>Archives of Oral Biology</i> , 2013 , 58, 467-73	2.8	18
125	A novel 785-nm laser diode-based system for standardization of cell culture irradiation. <i>Photomedicine and Laser Surgery</i> , 2013 , 31, 466-73		18
124	In vitro and in vivo evaluations of glass-ionomer cement containing chlorhexidine for Atraumatic Restorative Treatment. <i>Journal of Applied Oral Science</i> , 2017 , 25, 541-550	3.3	18
123	Cytotoxic effects of different concentrations of a carbamide peroxide bleaching gel on odontoblast-like cells MDPC-23. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009 , 90, 907-12	3.5	18
122	Odontogenic differentiation potential of human dental pulp cells cultured on a calcium-aluminate enriched chitosan-collagen scaffold. <i>Clinical Oral Investigations</i> , 2017 , 21, 2827-2839	4.2	17
121	Safety assessment of oral photodynamic therapy in rats. <i>Lasers in Medical Science</i> , 2013 , 28, 479-86	3.1	17
120	Effect of fluoride-treated enamel on indirect cytotoxicity of a 16% carbamide peroxide bleaching gel to pulp cells. <i>Brazilian Dental Journal</i> , 2013 , 24, 121-7	1.9	17
119	Characterization of novel calcium hydroxide-mediated highly porous chitosan-calcium scaffolds for potential application in dentin tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020 , 108, 2546-2559	3.5	16
118	Toxicity of photodynamic therapy with LED associated to Photogem [®] : an in vivo study. <i>Lasers in Medical Science</i> , 2012 , 27, 403-11	3.1	16
117	Transdental cytotoxicity of experimental adhesive systems of different hydrophilicity applied to ethanol-saturated dentin. <i>Dental Materials</i> , 2013 , 29, 980-90	5.7	16
116	Effect of chlorhexidine on bond strength of two-step etch-and-rinse adhesive systems to dentin of primary and permanent teeth. <i>American Journal of Dentistry</i> , 2010 , 23, 128-32	1.3	16

115	Increased whitening efficacy and reduced cytotoxicity are achieved by the chemical activation of a highly concentrated hydrogen peroxide bleaching gel. <i>Journal of Applied Oral Science</i> , 2019 , 27, e20180453	3.3	15
114	Epithelial cell-enhanced metabolism by low-level laser therapy and epidermal growth factor. <i>Lasers in Medical Science</i> , 2018 , 33, 445-449	3.1	15
113	In vivo photodynamic inactivation of <i>Candida albicans</i> using chloro-aluminum phthalocyanine. <i>Oral Diseases</i> , 2016 , 22, 415-22	3.5	15
112	Correlation between light transmission and permeability of human dentin. <i>Lasers in Medical Science</i> , 2012 , 27, 191-6	3.1	15
111	Low-level laser therapy in 3D cell culture model using gingival fibroblasts. <i>Lasers in Medical Science</i> , 2016 , 31, 973-8	3.1	15
110	Photodithazine-mediated antimicrobial photodynamic therapy against fluconazole-resistant <i>Candida albicans</i> in vivo. <i>Medical Mycology</i> , 2018 ,	3.9	15
109	Transdentinal cell photobiomodulation using different wavelengths. <i>Operative Dentistry</i> , 2015 , 40, 102-119	3.19	14
108	Protective Effect of Sodium Ascorbate on MDPC-23 Odontoblast-Like Cells Exposed to a Bleaching Agent. <i>European Journal of Dentistry</i> , 2010 , 4, 238-44	2.6	14
107	Bond Strength and Cytotoxicity of a Universal Adhesive According to the Hybridization Strategies to Dentin. <i>Brazilian Dental Journal</i> , 2018 , 29, 68-75	1.9	14
106	Exposed collagen in aged resin-dentin bonds produced on sound and caries-affected dentin in the presence of chlorhexidine. <i>Journal of Adhesive Dentistry</i> , 2011 , 13, 117-24	3	14
105	Immediate human pulp response to ethanol-wet bonding technique. <i>Journal of Dentistry</i> , 2015 , 43, 537-458	4.58	13
104	Effects of low-level laser therapy and epidermal growth factor on the activities of gingival fibroblasts obtained from young or elderly individuals. <i>Lasers in Medical Science</i> , 2017 , 32, 45-52	3.1	13
103	Toxic effects of daily applications of 10% carbamide peroxide on odontoblast-like MDPC-23 cells. <i>Acta Odontologica Scandinavica</i> , 2013 , 71, 1319-25	2.2	13
102	Low-level laser therapy for osteonecrotic lesions: effects on osteoblasts treated with zoledronic acid. <i>Supportive Care in Cancer</i> , 2014 , 22, 2741-8	3.9	12
101	Protective effect of alpha-tocopherol isomer from vitamin E against the H ₂ O ₂ induced toxicity on dental pulp cells. <i>BioMed Research International</i> , 2014 , 2014, 895049	3	12
100	Wettability of chlorhexidine treated non-cariou and caries-affected dentine. <i>Australian Dental Journal</i> , 2014 , 59, 37-42	2.3	12
99	Cytocompatibility of HEMA-free resin-based luting cements according to application protocols on dentine surfaces. <i>International Endodontic Journal</i> , 2016 , 49, 551-60	5.4	12
98	Indirect cytocompatibility of a low-concentration hydrogen peroxide bleaching gel to odontoblast-like cells. <i>International Endodontic Journal</i> , 2016 , 49, 26-36	5.4	12

97	Repair of Bone Defects with Chitosan-Collagen Biomembrane and Scaffold Containing Calcium Aluminate Cement. <i>Brazilian Dental Journal</i> , 2017 , 28, 287-295	1.9	11
96	Effect of low-level laser therapy on odontoblast-like cells exposed to bleaching agent. <i>Lasers in Medical Science</i> , 2014 , 29, 1533-8	3.1	11
95	At-Home Bleaching: Color Alteration, Hydrogen Peroxide Diffusion and Cytotoxicity. <i>Brazilian Dental Journal</i> , 2015 , 26, 378-83	1.9	11
94	Influence of bisphosphonates on the adherence and metabolism of epithelial cells and gingival fibroblasts to titanium surfaces. <i>Clinical Oral Investigations</i> , 2018 , 22, 893-900	4.2	10
93	PAR-1 and PAR-2 Expression Is Enhanced in Inflamed Odontoblast Cells. <i>Journal of Dental Research</i> , 2017 , 96, 1518-1525	8.1	10
92	Osteogenesis-inducing calcium phosphate nanoparticle precursors applied to titanium surfaces. <i>Biomedical Materials (Bristol)</i> , 2013 , 8, 035007	3.5	10
91	Cytotoxicity of adhesive systems of different hydrophilicities on cultured odontoblast-like cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013 , 101, 1498-507	3.5	10
90	Characterization of titanium surface coated with epidermal growth factor and its effect on human gingival fibroblasts. <i>Archives of Oral Biology</i> , 2019 , 102, 48-54	2.8	9
89	Photobiomodulation of inflammatory-cytokine-related effects in a 3-D culture model with gingival fibroblasts. <i>Lasers in Medical Science</i> , 2020 , 35, 1205-1212	3.1	9
88	Dose-response and time-course of Etoferol mediating the cytoprotection of dental pulp cells against hydrogen peroxide. <i>Brazilian Dental Journal</i> , 2014 , 25, 367-71	1.9	9
87	Bond strength of two-step etch-and-rinse adhesive systems to the dentin of primary and permanent teeth. <i>Journal of Clinical Pediatric Dentistry</i> , 2010 , 35, 163-8	1.6	9
86	Aplasia of the mandibular condyle. <i>Dentomaxillofacial Radiology</i> , 2007 , 36, 420-2	3.9	9
85	Regulation of angiotensin II receptors levels during rat induced pulpitis. <i>Regulatory Peptides</i> , 2007 , 140, 27-31		9
84	Direct and transdentinal antibacterial activity of chlorhexidine. <i>American Journal of Dentistry</i> , 2010 , 23, 255-9	1.3	9
83	Biocompatibility of a restorative resin-modified glass ionomer cement applied in very deep cavities prepared in human teeth. <i>General Dentistry</i> , 2016 , 64, 33-40	1.2	9
82	The influence of photodynamic therapy parameters on the inactivation of <i>Candida</i> spp: in vitro and in vivo studies. <i>Laser Physics</i> , 2014 , 24, 045601	1.2	8
81	Cytotoxicity of New Calcium Aluminate Cement (EndoBinder) Containing Different Radiopacifiers. <i>Brazilian Dental Journal</i> , 2017 , 28, 57-64	1.9	8
80	Photodynamic therapy associating Photogem and blue LED on L929 and MDPC-23 cell culture. <i>Cell Biology International</i> , 2010 , 34, 343-51	4.5	8

79	Cytotoxicity of resin-based luting cements to pulp cells. <i>American Journal of Dentistry</i> , 2014 , 27, 237-44	1.3	8
78	Systemic effect of mineral aggregate-based cements: histopathological analysis in rats. <i>Journal of Applied Oral Science</i> , 2017 , 25, 620-630	3.3	7
77	Photobiomodulation in the Metabolism of Lipopolysaccharides-exposed Epithelial Cells and Gingival Fibroblasts. <i>Photochemistry and Photobiology</i> , 2018 , 94, 598-603	3.6	7
76	Dose-responses of Stem Cells from Human Exfoliated Teeth to Infrared LED Irradiation. <i>Brazilian Dental Journal</i> , 2015 , 26, 409-15	1.9	7
75	Effects of soft denture liners on L929 fibroblasts, HaCaT keratinocytes, and RAW 264.7 macrophages. <i>BioMed Research International</i> , 2014 , 2014, 840613	3	7
74	Functional Differences In Gingival Fibroblasts Obtained from Young and Elderly Individuals. <i>Brazilian Dental Journal</i> , 2016 , 27, 485-491	1.9	7
73	Effect of reducing acid etching time on bond strength to noncarious and caries-affected primary and permanent dentin. <i>Pediatric Dentistry (discontinued)</i> , 2013 , 35, 199-204	1.2	7
72	Exposed collagen in resin bonds to caries-affected dentin after dentin treatment with aqueous and alcoholic chlorhexidine solutions. <i>Journal of Adhesive Dentistry</i> , 2014 , 16, 21-8	3	7
71	Effects of Enzymatic Activation of Bleaching Gels on Hydrogen Peroxide Degradation Rates, Bleaching Effectiveness, and Cytotoxicity. <i>Operative Dentistry</i> , 2019 , 44, 414-423	2.9	6
70	Cytotoxicity Evaluation of Root Canal Sealers Using an In Vitro Experimental Model with Roots. <i>Brazilian Dental Journal</i> , 2017 , 28, 165-171	1.9	6
69	Cellular and tissue effects induced by photogem and red LED in photodynamic therapy. <i>Laser Physics</i> , 2011 , 21, 229-238	1.2	6
68	Eruption cysts in the neonate. <i>Journal of Clinical Pediatric Dentistry</i> , 2008 , 32, 243-6	1.6	6
67	Antioxidant therapy enhances pulpal healing in bleached teeth. <i>Restorative Dentistry & Endodontics</i> , 2016 , 41, 44-54	1.5	6
66	Human pulp response to conventional and resin-modified glass ionomer cements applied in very deep cavities. <i>Clinical Oral Investigations</i> , 2020 , 24, 1739-1748	4.2	6
65	Effects of intrapulpal temperature change induced by visible light units on the metabolism of odontoblast-like cells. <i>American Journal of Dentistry</i> , 2009 , 22, 151-6	1.3	6
64	Low toxic effects of a whitening strip to cultured pulp cells. <i>American Journal of Dentistry</i> , 2013 , 26, 283-53		6
63	LLLT Effects on Oral Keratinocytes in an Organotypic 3D Model. <i>Photochemistry and Photobiology</i> , 2018 , 94, 190-194	3.6	5
62	Zoledronic acid decreases gene expression of vascular endothelial growth factor and basic fibroblast growth factor by human epithelial cells. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2013 , 51, 971-3	1.4	5

61	Effect of different implant abutment surfaces on OBA-09 epithelial cell adhesion. <i>Microscopy Research and Technique</i> , 2017 , 80, 1304-1309	2.8	5
60	Development of an oral mucosa equivalent using a porcine dermal matrix. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2017 , 55, 308-311	1.4	5
59	Effects of Laser Irradiation on Pulp Cells Exposed to Bleaching Agents. <i>Photochemistry and Photobiology</i> , 2014 , 90, 201-6	3.6	5
58	In vitro transdental effect of low-level laser therapy. <i>Laser Physics</i> , 2013 , 23, 055604	1.2	5
57	Histological analyses of thermal effect caused by 1.2 W diode laser irradiation at rat periodontal pockets. <i>Laser Physics</i> , 2009 , 19, 2204-2209	1.2	5
56	Platform technologies for regenerative endodontics from multifunctional biomaterials to tooth-on-a-chip strategies. <i>Clinical Oral Investigations</i> , 2021 , 25, 4749-4779	4.2	5
55	Red LED Photobiomodulates the Metabolic Activity of Odontoblast-Like Cells. <i>Brazilian Dental Journal</i> , 2016 , 27, 375-80	1.9	5
54	Transdental photobiostimulation of stem cells from human exfoliated primary teeth. <i>International Endodontic Journal</i> , 2017 , 50, 549-559	5.4	4
53	Effect of analogues of cationic peptides on dentin mineralization markers in odontoblast-like cells. <i>Archives of Oral Biology</i> , 2019 , 103, 19-25	2.8	4
52	Cytotoxicity of acrylic resin-based materials used to fabricate interim crowns. <i>Journal of Prosthetic Dentistry</i> , 2020 , 124, 122.e1-122.e9	4	4
51	Biostimulatory effects of simvastatin on MDPC-23 odontoblast-like cells. <i>Brazilian Oral Research</i> , 2017 , 31, e104	2.6	4
50	Influence of Zirconia-Coated Bioactive Glass on Gingival Fibroblast Behavior. <i>Brazilian Dental Journal</i> , 2019 , 30, 333-341	1.9	4
49	Influence of thicknesses of smear layer on the transdental cytotoxicity and bond strength of a resin-modified glass-ionomer cement. <i>Brazilian Dental Journal</i> , 2012 , 23, 379-86	1.9	4
48	Biostimulatory effects of low-level laser therapy on epithelial cells and gingival fibroblasts treated with zoledronic acid. <i>Laser Physics</i> , 2013 , 23, 055601	1.2	4
47	Influence of Bisphosphonates on the Behavior of Osteoblasts Seeded Onto Titanium Discs. <i>Brazilian Dental Journal</i> , 2020 , 31, 304-309	1.9	4
46	Simvastatin-Enriched Macro-Porous Chitosan-Calcium-Aluminate Scaffold for Mineralized Tissue Regeneration. <i>Brazilian Dental Journal</i> , 2020 , 31, 385-391	1.9	4
45	Influence of Tooth Pigmentation on H ₂ O ₂ Diffusion and Its Cytotoxicity After In-office Tooth Bleaching. <i>Operative Dentistry</i> , 2020 , 45, 632-642	2.9	4
44	Influence of adhesive restorations on diffusion of H ₂ O ₂ released from a bleaching agent and its toxic effects on pulp cells. <i>Journal of Adhesive Dentistry</i> , 2014 , 16, 123-8	3	4

43	Congenital epulis: a rare benign tumor in the newborn. <i>Journal of the Indian Society of Pedodontics and Preventive Dentistry</i> , 2010 , 28, 230-3	0.9	4
42	Response of pulp cells to resin infiltration of enamel white spot-like lesions. <i>Dental Materials</i> , 2021 , 37, e329-e340	5.7	4
41	Response of a co-culture model of epithelial cells and gingival fibroblasts to zoledronic acid. <i>Brazilian Oral Research</i> , 2016 , 30, e122	2.6	4
40	Cytotoxic effects of new MTA-based cement formulations on fibroblast-like MDPL-20 cells. <i>Brazilian Oral Research</i> , 2016 , 30,	2.6	4
39	Nutritional deprivation and LPS exposure as feasible methods for induction of cellular - A methodology to validate for vitro photobiomodulation studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016 , 159, 205-10	6.7	4
38	Phenotypic markers of oral keratinocytes seeded on two distinct 3D oral mucosa models. <i>Toxicology in Vitro</i> , 2018 , 51, 34-39	3.6	4
37	Polymeric biomaterials maintained the esthetic efficacy and reduced the cytotoxicity of in-office dental bleaching. <i>Journal of Esthetic and Restorative Dentistry</i> , 2021 , 33, 1139-1149	3.5	4
36	Complications from the Use of Peroxides 2016 , 45-79		3
35	Influence of Restoration Type on the Cytotoxicity of a 35% Hydrogen Peroxide Bleaching Gel. <i>Operative Dentistry</i> , 2016 , 41, 293-304	2.9	3
34	Comparative histopathological analysis of human pulps after class I cavity preparation with a high-speed air-turbine handpiece or Er:YAG laser. <i>Laser Physics</i> , 2008 , 18, 1562-1569	1.2	3
33	Responses of dental pulp cells to a less invasive bleaching technique applied to adhesive-restored teeth. <i>Journal of Adhesive Dentistry</i> , 2015 , 17, 155-61	3	3
32	Positive influence of simvastatin used as adjuvant agent for cavity lining. <i>Clinical Oral Investigations</i> , 2019 , 23, 3457-3469	4.2	3
31	Chitosan-Calcium-Simvastatin Scaffold as an Inductive Cell-Free Platform. <i>Journal of Dental Research</i> , 2021 , 100, 1118-1126	8.1	3
30	Injectable Multifunctional Drug Delivery System for Hard Tissue Regeneration under Inflammatory Microenvironments.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 6993-7006	4.1	3
29	Influence of the activation mode of a self-etch resin-based luting cement upon the metabolism of odontoblast-like cells. <i>American Journal of Dentistry</i> , 2011 , 24, 233-8	1.3	3
28	Biological Aspects of Dental Materials. <i>Journal of Adhesive Dentistry</i> , 2020 , 22, 540-544	3	3
27	In vitro effects of photobiomodulation applied to gingival fibroblasts cultured on titanium and zirconia surfaces and exposed to LPS from Escherichia coli. <i>Lasers in Medical Science</i> , 2020 , 35, 2031-2038	3.1	2
26	Proteolytic activity, degradation, and dissolution of primary and permanent teeth. <i>International Journal of Paediatric Dentistry</i> , 2020 , 30, 650-659	3.1	2

25	Human Pulpal Responses to Peroxides 2016 , 81-97		2
24	Synthesis of dental matrix proteins and viability of odontoblast-like cells irradiated with blue LED. <i>Lasers in Medical Science</i> , 2016 , 31, 523-30	3.1	2
23	The Primary Pulp: Developmental and Biomedical Background 2016 , 7-22		2
22	Fibronectin-loaded Collagen/Gelatin Hydrogel Is a Potent Signaling Biomaterial for Dental Pulp Regeneration. <i>Journal of Endodontics</i> , 2021 , 47, 1110-1117	4.7	2
21	Effect of crosslinkers on bond strength stability of fiber posts to root canal dentin and in situ proteolytic activity. <i>Journal of Prosthetic Dentistry</i> , 2018 , 119, 494.e1-494.e9	4	2
20	Chitosan in association with osteogenic factors as a cell-homing platform for dentin regeneration: Analysis in a pulp-in-a-chip model.. <i>Dental Materials</i> , 2022 ,	5.7	2
19	Metabolic activity of odontoblast-like cells irradiated with blue LED (455nm). <i>Lasers in Medical Science</i> , 2016 , 31, 119-25	3.1	1
18	Inhibition of osteoblast activity by zoledronic acid. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2013 , 49, 368-371	2.3	1
17	Dose- and time-dependent effects of taxifolin on viability and mineralization markers of osteoblast-like cells.. <i>Brazilian Oral Research</i> , 2021 , 35, e140	2.6	1
16	Development of fibronectin-loaded nanofiber scaffolds for guided pulp tissue regeneration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021 , 109, 1244-1258	3.5	1
15	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. <i>Archives of Oral Biology</i> , 2021 , 127, 105134	2.8	1
14	Specific parameters of infrared LED irradiation promote the inhibition of oxidative stress in dental pulp cells. <i>Archives of Oral Biology</i> , 2021 , 131, 105273	2.8	1
13	Pro-inflammatory mediators expression by pulp cells following tooth whitening on restored enamel surface.. <i>Brazilian Dental Journal</i> , 2022 , 33, 83-90	1.9	1
12	"Metabolism of Odontoblast-like cells submitted to transdentinal irradiation with blue and red LED". <i>Archives of Oral Biology</i> , 2017 , 83, 258-264	2.8	0
11	Cytocompatibility and bioactivity of calcium hydroxide-containing nanofiber scaffolds loaded with fibronectin for dentin tissue engineering.. <i>Clinical Oral Investigations</i> , 2022 , 1	4.2	0
10	Proteolytic activity and degradation of bovine versus human dentin matrices. <i>Journal of Applied Oral Science</i> , 2021 , 29, e20210290	3.3	0
9	Uninfiltrated Collagen in Hybrid Layers produced after Reduced Acid-etching Time on Primary and Permanent Dentin. <i>Journal of Contemporary Dental Practice</i> , 2016 , 17, 861-866	0.7	0
8	Photobiomodulation using LLLT and LED of cells involved in osseointegration and peri-implant soft tissue healing. <i>Lasers in Medical Science</i> , 2021 , 1	3.1	0

7	Effects of EGF-coated titanium surfaces on adhesion and metabolism of bisphosphonate-treated human keratinocytes and gingival fibroblasts. <i>Clinical Oral Investigations</i> , 2021 , 25, 5775-5784	4.2	○
6	Photobiomodulation effect of red LED (630 nm) on the free radical levels produced by pulp cells under stress conditions. <i>Lasers in Medical Science</i> , 2021 , 1	3.1	○
5	Chemotherapy drugs and inflammatory cytokines enhance matrix metalloproteinases expression by oral mucosa cells. <i>Archives of Oral Biology</i> , 2021 , 127, 105159	2.8	○
4	Bioactivity effects of extracellular matrix proteins on apical papilla cells. <i>Journal of Applied Oral Science</i> , 2021 , 29, e20210038	3.3	○
3	Strategy for reducing cytotoxicity and obtaining esthetic efficacy with 15min of in-office dental bleaching.. <i>Clinical Oral Investigations</i> , 2022 , 1	4.2	○
2	Innovative strategy for in-office tooth bleaching using violet LED and biopolymers as HO catalyts.. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022 , 102886	3.5	○
1	Proliferation rate and expression of stem cells markers during expansion in primary culture of pulp cells. <i>Brazilian Oral Research</i> , 2021 , 35, e128	2.6	