

Rodrigo Varella de Carvalho

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

614
citations

687220

13
h-index

610775

24
g-index

37
all docs

37
docs citations

37
times ranked

850
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexural strength and modulus of elasticity of different types of resin-based composites. Brazilian Oral Research, 2007, 21, 16-21.	0.6	129
2	BAPO as an alternative photoinitiator for the radical polymerization of dental resins. Dental Materials, 2014, 30, 945-953.	1.6	86
3	2-Hydroxyethyl methacrylate as an inhibitor of matrix metalloproteinase-2. European Journal of Oral Sciences, 2009, 117, 64-67.	0.7	30
4	Characterization of an antimicrobial dental resin adhesive containing zinc methacrylate. Journal of Materials Science: Materials in Medicine, 2011, 22, 1797-1802.	1.7	28
5	Effects of Green Tea Application Time on Bond Strength after Enamel Bleaching. Brazilian Dental Journal, 2014, 25, 399-403.	0.5	27
6	Comparison of endocrowns made of lithium disilicate glass-ceramic or polymer-infiltrated ceramic networks and direct composite resin restorations: fatigue performance and stress distribution. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 100, 103401.	1.5	26
7	Addition of zinc methacrylate in dental polymers: MMP-2 inhibition and ultimate tensile strength evaluation. Clinical Oral Investigations, 2012, 16, 531-536.	1.4	25
8	A new approach in self-etching adhesive formulations: Replacing HEMA for surfactant dimethacrylate monomers. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2011, 99B, 51-57.	1.6	20
9	Effects of long-term water storage on the microtensile bond strength of five experimental self-etching adhesives based on surfactants rather than HEMA. Clinical Oral Investigations, 2013, 17, 833-839.	1.4	20
10	Bond strength of HEMA-containing versus HEMA-free self-etch adhesive systems to dentin. Brazilian Dental Journal, 2011, 22, 468-472.	0.5	19
11	Does Cryopreservation Affect the Biological Properties of Stem Cells from Dental Tissues? A Systematic Review. Brazilian Dental Journal, 2016, 27, 633-640.	0.5	19
12	Bone, Periodontal and Dental Pulp Regeneration in Dentistry: A Systematic Scoping Review. Brazilian Dental Journal, 2019, 30, 77-95.	0.5	19
13	Cytotoxicity and genotoxicity of sodium percarbonate: a comparison with bleaching agents commonly used in discoloured pulpless teeth. International Endodontic Journal, 2010, 43, 102-108.	2.3	15
14	Evaluation of alternative photoinitiator systems in two-step self-etch adhesive systems. Dental Materials, 2020, 36, e29-e37.	1.6	15
15	Experimental self-etching HEMA-free adhesive systems: cytotoxicity and degree of conversion. Journal of Materials Science: Materials in Medicine, 2015, 26, 5370.	1.7	14
16	Nano-microfiber scaffold for tissue engineering: Physical and biological properties. Journal of Biomedical Materials Research - Part A, 2012, 100A, 3051-3058.	2.1	12
17	Tetrahydrofuran as solvent in dental adhesives: cytotoxicity and dentin bond stability. Clinical Oral Investigations, 2013, 17, 237-242.	1.4	12
18	Preparation, Modification, and Characterization of Alginate Hydrogel with Nano-/Microfibers: A New Perspective for Tissue Engineering. BioMed Research International, 2013, 2013, 1-6.	0.9	12

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19	Six-month evaluation of a resin/dentin interface created by methacrylate and silorane-based materials. <i>Journal of Applied Oral Science</i> , 2013, 21, 80-84.	0.7	12
20	Shrinkage stress of three composites under different polymerization methods. <i>Brazilian Oral Research</i> , 2006, 20, 137-142.	0.6	10
21	Inhibition of the activity of matrix metalloproteinase 2 by triethylene glycol dimethacrylate. <i>Clinical Oral Investigations</i> , 2011, 15, 643-648.	1.4	8
22	Characterization of Morphology and Composition of Inorganic Fillers in Dental Alginates. <i>BioMed Research International</i> , 2014, 2014, 1-6.	0.9	8
23	Venous Blood Derivatives as FBS-Substitutes for Mesenchymal Stem Cells: A Systematic Scoping Review. <i>Brazilian Dental Journal</i> , 2017, 28, 657-668.	0.5	8
24	Genes and SNPs in the pathway of immune response and caries risk: a systematic review and meta-analysis. <i>Biofouling</i> , 2020, 36, 1-17.	0.8	8
25	Replacement of maxillary incisor crowns over discolored substrates in a single visit with a CAD-CAM system and lithium silicate ceramic. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 22-25.	1.1	6
26	Providing a harmonious smile with laminate veneers for a patient with peg-shaped lateral incisors. <i>Journal of Conservative Dentistry</i> , 2017, 20, 210.	0.3	6
27	Iodonium salt incorporation in dental adhesives and its relation with degree of conversion, ultimate tensile strength, cell viability, and oxidative stress. <i>Clinical Oral Investigations</i> , 2019, 23, 1143-1151.	1.4	5
28	Doxycycline as a dentin pretreatment agent for MMP-2 inhibition and maintaining hybrid layer stability over time. <i>International Journal of Adhesion and Adhesives</i> , 2020, 98, 102510.	1.4	5
29	Effect of Bleaching Agents on the Flexural Strength of Bovine Dentin. <i>Journal of Contemporary Dental Practice</i> , 2014, 15, 552-555.	0.2	3
30	Hydroxyapatite Synthesis and Covering of Titanium Surfaces by Dip-Coating Method. <i>Brazilian Archives of Biology and Technology</i> , 0, 64, .	0.5	3
31	Is the effect of COVID-19 on periodontal treatment similar to that in general dental care and primary medical care? an observational study in Brazil. <i>International Journal of Environmental Health Research</i> , 2023, 33, 609-618.	1.3	2
32	Oral lichenoid lesions associated with amalgam restorations: report of two cases. <i>Revista Odonto Ciencia</i> , 2011, 26, 258-261.	0.0	1
33	Development of a dual-cure mineral trioxide aggregate-based cement: Biological, physical, and mechanical properties. <i>Journal of Conservative Dentistry</i> , 2018, 21, 74-79.	0.3	1
34	Influência de diferentes cores na transmissão de luz através de diferentes compósitos. <i>Revista Odonto Ciencia</i> , 2016, 30, 115.	0.0	0
35	Influência do gel de clareamento e do uso de agente remineralizante na perda mineral em esmalte e na eficácia do tratamento clareador. <i>Journal of Oral Investigations</i> , 2018, 7, 7.	0.3	0
36	Enamel surface roughness evaluation after debonding ceramic brackets: Use of burs and abrasive systems for resin removal. <i>Journal of International Oral Health</i> , 2019, 11, 28.	0.0	0

#	ARTICLE	IF	CITATIONS
37	Effect of different cleaning methods after surface treatment of dental ceramics on the surface characteristics and adhesion to resin-based luting agents. Journal of Adhesion Science and Technology, 0, , 1-12.	1.4	0