

Gabriel Flores Abuna

List of Publications by Year in descending order

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39
papers

420
citations

840585

11
h-index

794469

19
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39
all docs

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docs citations

39
times ranked

581
citing authors

#	ARTICLE	IF	CITATIONS
1	Bonding performance of experimental bioactive/biomimetic self-etch adhesives doped with calcium-phosphate fillers and biomimetic analogs of phosphoproteins. <i>Journal of Dentistry</i> , 2016, 52, 79-86.	1.7	49
2	The effect of proanthocyanidin-containing 10% phosphoric acid on bonding properties and MMP inhibition. <i>Dental Materials</i> , 2016, 32, 468-475.	1.6	39
3	Optimization of the etch-and-rinse technique: New perspectives to improve resin-dentin bonding and hybrid layer integrity by reducing residual water using dimethyl sulfoxide pretreatments. <i>Dental Materials</i> , 2018, 34, 967-977.	1.6	33
4	Heating stability, physical and chemical analysis of calcium silicate-based endodontic sealers. <i>International Endodontic Journal</i> , 2021, 54, 1175-1188.	2.3	32
5	Cytotoxicity and the effect of cationic peptide fragments against cariogenic bacteria under planktonic and biofilm conditions. <i>Biofouling</i> , 2016, 32, 995-1006.	0.8	31
6	A novel dry-bonding approach to reduce collagen degradation and optimize resin-dentin interfaces. <i>Scientific Reports</i> , 2018, 8, 16890.	1.6	27
7	KR-12-a5 is a non-cytotoxic agent with potent antimicrobial effects against oral pathogens. <i>Biofouling</i> , 2017, 33, 807-818.	0.8	23
8	Degradation of Adhesive-Dentin Interfaces Created Using Different Bonding Strategies after Five-year Simulated Pulpal Pressure. <i>Journal of Adhesive Dentistry</i> , 2019, 21, 199-207.	0.3	21
9	Synthesis and characterization of nanoparticulate niobium- and zinc-doped bioglass-ceramic/chitosan hybrids for dental applications. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 97, 245-258.	1.1	19
10	Effect of Adhesive Restoration and Bleaching Technique on the Concentration of Hydrogen Peroxide In the Pulp Chamber. <i>Operative Dentistry</i> , 2017, 42, E44-E54.	0.6	13
11	Cytocompatibility and Synergy of EGCG and Cationic Peptides Against Bacteria Related to Endodontic Infections, in Planktonic and Biofilm Conditions. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 1808-1819.	1.9	11
12	Self-Etching Enamel Bonding Using Acidic Functional Monomers with Different-length Carbon Chains and Hydrophilicity. <i>Journal of Adhesive Dentistry</i> , 2017, 19, 497-505.	0.3	11
13	Two methods to simulate intrapulpal pressure: effects upon bonding performance of self-etch adhesives. <i>International Endodontic Journal</i> , 2014, 47, 819-826.	2.3	9
14	Microtensile Bond Strength of Adhesive Systems in Different Dentin Regions on a Class II Cavity Configuration. <i>Brazilian Dental Journal</i> , 2017, 28, 474-481.	0.5	9
15	Is it possible for a simultaneous biomodification during acid etching on naturally caries-affected dentin bonding?. <i>Clinical Oral Investigations</i> , 2021, 25, 3543-3553.	1.4	8
16	Morphology of sealant/enamel interface after surface treatment with bioactive glass. <i>Microscopy Research and Technique</i> , 2015, 78, 1062-1068.	1.2	7
17	The ability of a nanobioglass-doped self-etching adhesive to re-mineralize and bond to artificially demineralized dentin. <i>Dental Materials</i> , 2021, 37, 120-130.	1.6	7
18	Electric current effects on bond strength, nanoleakage, degree of conversion and dentinal infiltration of adhesive systems. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 119, 104529.	1.5	7

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19	Effect of Electric Current-assisted Application of Adhesives on their Bond Strength and Quality. <i>Journal of Adhesive Dentistry</i> , 2020, 22, 393-398.	0.3	7
20	Solvent Degradation and Polymerization Shrinkage Reduction of Resin Composites Using Isobornyl Methacrylate. <i>Brazilian Dental Journal</i> , 2019, 30, 272-278.	0.5	6
21	Cytotoxicity and effects of curcumin and cinnamaldehyde hybrids on biofilms of oral pathogens. <i>Biofouling</i> , 2021, 37, 591-605.	0.8	6
22	Resin composite adhesion to dentin using different curing lights and adhesive systems applied under electric current. <i>Clinical Oral Investigations</i> , 2021, 25, 5181-5188.	1.4	5
23	Adhesion Evaluation of Dentin Sealing, Micropermeability, and Bond Strength of Current HEMA-free Adhesives to Dentin. <i>Journal of Adhesive Dentistry</i> , 2017, 19, 357-364.	0.3	5
24	Influence of 3-month Simulated Pulpal Pressure on the Microtensile Bond Strength of Simplified Resin Luting Systems. <i>Journal of Adhesive Dentistry</i> , 2015, 17, 265-71.	0.3	5
25	Isolation and characterization of a human cementocyte-like cell line, HCY-23. <i>Brazilian Oral Research</i> , 2019, 33, e058.	0.6	4
26	Effect of an elastomeric urethane monomer on BisGMA-free resin composites containing different co-initiators. <i>Clinical Oral Investigations</i> , 2022, 26, 957-967.	1.4	4
27	Simplified ethanol wet-bonding technique: an alternative strategy for resin-dentin bonding in root canals. <i>General Dentistry</i> , 2019, 67, e1-e5.	0.4	4
28	Effect of Composite Polymerization Stress and Placement Technique on Dentin Micropermeability of Class I Restorations. <i>Journal of Adhesive Dentistry</i> , 2018, 20, 355-363.	0.3	4
29	Influence of Photoinitiator on Accelerated Artificial Aging and Bond Strength of Experimental Resin Cements. <i>Brazilian Dental Journal</i> , 2018, 29, 82-87.	0.5	3
30	Limited Etching Time Increases Self-adhesive Resin Cement Adhesion to Enamel. <i>Operative Dentistry</i> , 2021, 46, 547-558.	0.6	3
31	Effects of simulated pulpal pressure, mechanical and thermocycling challenge on the microtensile bond strength of resin luting cements. <i>International Journal of Adhesion and Adhesives</i> , 2015, 60, 69-74.	1.4	2
32	Effect of Bioglass 45S5 air-abrasion on dentin bonding: evaluation of microtensile bond strength and confocal microscopy. <i>Applied Adhesion Science</i> , 2015, 3, .	1.5	1
33	Effect of different adhesive strategies and storage time on bond strength of bifunctional monomers to simulated endodontically-treated dentin. <i>Dental Materials Journal</i> , 2021, 40, 1410-1417.	0.8	1
34	Three-month water degradation of resin-dentin interfaces subjected to direct and indirect exposure. <i>Cumhuriyet Dental Journal</i> , 2014, 17, 55.	0.1	1
35	Do intracanal medications used in regenerative endodontics affect the bond strength of powder-to-liquid and ready-to-use cervical sealing materials?. <i>Journal of Conservative Dentistry</i> , 2021, 24, 464.	0.3	1
36	Immediate and 6-month Bond Strengths of Different Adhesives in the Oral Environment. <i>Journal of Adhesive Dentistry</i> , 2017, , 475-481.	0.3	1

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37	Influence of Photoinitiator on Accelerated Artificial Aging and Bond Strength of Experimental Resin Cements. Brazilian Dental Journal, 2018, 29, 82-87.	0.5	1
38	Development and characterization of experimental ZnO cement containing niobophosphate bioactive glass as filling temporary material. Saudi Dental Journal, 2021, 33, 1111-1118.	0.5	0
39	Accuracy of partially edentulous arch impressions obtained from different alginates and storage times. Brazilian Journal of Oral Sciences, 2017, 15, 252.	0.1	0