Michelle Alexandra Chinelatti

List of Publications by Year
in descending order

49 papers	1,044 citations	393982 19 h-index	433756 31 g-index
51 all docs	51 docs citations	51 times ranked	1027 citing authors

#	ARTICLE	IF	CITATIONS
1	How can biophotonics help dentistry to avoid or minimize cross infection by SARS-CoV-2?. Photodiagnosis and Photodynamic Therapy, 2022, 37, 102682.	1.3	8
2	Chemical and morphological changes of femtosecond laserâ€irradiated enamel using subablative parameters. Microscopy Research and Technique, 2021, 84, 2399-2408.	1.2	2
3	Effect of thermo-mechanical cycling and chlorhexidine on the bond strength of universal adhesive system to dentin. Heliyon, 2020, 6, e03871.	1.4	8
4	Effect of Methods of Biosilicate Microparticle Application on Dentin Adhesion. Dentistry Journal, 2019, 7, 35.	0.9	2
5	Bond strength of adhesive systems to sound and demineralized dentin treated with bioactive glass ceramic suspension. Clinical Oral Investigations, 2018, 22, 1923-1931.	1.4	21
6	Effect of Er:Yag laser on dentin demineralization around restorations. Lasers in Medical Science, 2017, 32, 413-418.	1.0	7
7	A Novel Technique for Bulk-Fill Resin-Based Restorations: Achieving Function and Esthetics in Posterior Teeth. Case Reports in Dentistry, 2017, 2017, 1-5.	0.2	4
8	Effect of a Bioactive Glass Ceramic on the Control of Enamel and Dentin Erosion Lesions. Brazilian Dental Journal, 2017, 28, 489-497.	0.5	14
9	INFLUENCE OF POST-BLEACHING TIME INTERVALS USING 37% CARBAMIDE PEROXIDE ON DENTAL SUBSTRATE ADHESION. Iniciacao Cientifica CESUMAR, 2017, 19, 187.	0.0	0
10	Biosilicate as a dentin pretreatment for total-etch and self-etch adhesives: In vitro study. International Journal of Adhesion and Adhesives, 2016, 70, 271-276.	1.4	10
11	Composite Photopolymerization: Temperature Increase According To Light Source And Dentin Thickness. Journal of Dentistry and Oral Implants, 2016, 1, 11-19.	0.0	1
12	Morphology of sealant/enamel interface after surface treatment with bioactive glass. Microscopy Research and Technique, 2015, 78, 1062-1068.	1.2	7
13	Effect of Brushing Time and Dentifrice Abrasiveness on Color Change and Surface Roughness of Resin Composites. Brazilian Dental Journal, 2015, 26, 507-513.	0.5	34
14	Solubility and Disintegration of New Calcium Aluminate Cement (EndoBinder) Containing Different Radiopacifying Agents. Journal of Endodontics, 2014, 40, 261-265.	1.4	22
15	Effect of brushing and accelerated ageing on color stability and surface roughness of composites. Journal of Dentistry, 2013, 41, e54-e61.	1.7	47
16	Shear Bond Strength of Orthodontic Brackets after Accelerated Artificial Aging. The Journal of Dentists, 2013, 1, 35-41.	0.1	1
17	Influence of Er:YAG laser frequency on dentin caries removal capacity. Microscopy Research and Technique, 2011, 74, 281-286.	1.2	16
18	Chemical and morphological features of dental composite resin: Influence of light curing units and immersion media. Microscopy Research and Technique, 2010, 73, 176-181.	1.2	26

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19	Microstructure and mineral composition of dental enamel of permanent and deciduous teeth. Microscopy Research and Technique, 2010, 73, 572-577.	1.2	136
20	Bond durability in erbium:yttriumâ€“aluminumâ€“garnet laser-irradiated enamel. Lasers in Medical Science, 2010, 25, 155-163.	1.0	17
21	Effect of erbium:yttriumâ€“aluminumâ€“garnet laser energies on superficial and deep dentin microhardness. Lasers in Medical Science, 2010, 25, 317-324.	1.0	17
22	Microleakage in conservative cavities varying the preparation method and surface treatment. Journal of Applied Oral Science, 2010, 18, 421-425.	0.7	17
23	Surface and subsurface erosion of primary enamel by acid beverages over time. Brazilian Dental Journal, 2010, 21, 337-345.	0.5	47
24	Effectiveness of home bleaching agents in discolored teeth and influence on enamel microhardness. Journal of Applied Oral Science, 2009, 17, 284-288.	0.7	26
25	Effect of Er:YAG Laser Parameters on Ablation Capacity and Morphology of Primary Enamel. Photomedicine and Laser Surgery, 2009, 27, 253-260.	2.1	11
26	Dentin microhardness and subsurface morphology after Er:YAG laser cavity preparation using different parameters. Journal of Dentistry for Children, 2009, 76, 58-66.	0.2	8
27	SEM analysis of enamel surface treated by Er:YAG laser: Influence of irradiation distance. Microscopy Research and Technique, 2008, 71, 536-541.	1.2	23
28	Influence of energy and pulse repetition rate of Er:YAG laser on enamel ablation ability and morphological analysis of the laserâ€irradiated surface. Journal of Biomedical Materials Research - Part A, 2008, 84A, 569-575.	2.1	22
29	Adhesion of a selfâ€etching system to dental substrate prepared by Er:YAG laser or air abrasion. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2008, 86B, 321-329.	1.6	23
30	Adhesion to Er:YAG Laser-prepared Dentin After Long-term Water Storage and Thermocycling. Operative Dentistry, 2008, 33, 51-58.	0.6	33
31	Ablation Rate and Morphology of Superficial and Deep Dentin Irradiated with Different Er:YAG Laser Energy Levels. Photomedicine and Laser Surgery, 2008, 26, 523-529.	2.1	18
32	Re: â€œInfluence of Er:YAG laser irradiation distance on the bond strength of a restorative system to enamelâ€• by D.T. Chimello-Sousa, et al. [J. Dentist. 34 (2006) 245â€“251]. Journal of Dentistry, 2007, 35, 879.	1.7	0
33	Effect of Energy and Pulse Repetition Rate of Er: YAG Laser on Dentin Ablation Ability and Morphological Analysis of the Laser-Irradiated Substrate. Photomedicine and Laser Surgery, 2007, 25, 26-33.	2.1	63
34	Influence of different light-curing units on the surface roughness of restorative materials: in situ study. Materials Research, 2007, 10, 253-256.	0.6	0
35	Adhesive interfaces of enamel and dentin prepared by air-abrasion at different distances. Applied Surface Science, 2007, 253, 4866-4871.	3.1	4
36	Analysis of surfaces and adhesive interfaces of enamel and dentin after different treatments. Journal of Materials Science: Materials in Medicine, 2007, 18, 1465-1470.	1.7	9

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37	Influence of Er:YAG laser irradiation distance on the bond strength of a restorative system to enamel. Journal of Dentistry, 2006, 34, 245-251.	1.7	92
38	Evaluation of the surface hardness of composite resins before and after polishing at different times. Journal of Applied Oral Science, 2006, 14, 188-192.	0.7	28
39	Influence of Er:YAG Laser on Cavity Preparation and Surface Treatment in Microleakage of Composite Resin Restorations. Photomedicine and Laser Surgery, 2006, 24, 214-218.	2.1	31
40	Comparison of marginal microleakage of flowable composite restorations in primary molars prepared by high-speed carbide bur, Er:YAG laser, and air abrasion. Journal of Dentistry for Children, 2006, 73, 122-6.	0.2	14
41	MicroinfiltraÃ§Ã£o marginal em cavidades preparadas com pontas CVDentUSÂ® e diamantadas convencionais. Brazilian Dental Science, 2005, 8, .	0.1	1
42	Influence of air abrasion preparation on microleakage in glass ionomer cement restorations. Journal of Materials Science: Materials in Medicine, 2004, 15, 1213-1216.	1.7	10
43	Clinical performance of a resin-modified glass-ionomer and two polyacid-modified resin composites in cervical lesions restorations: 1-year follow-up. Journal of Oral Rehabilitation, 2004, 31, 251-257.	1.3	23
44	Influence of the use of Er:YAG laser for cavity preparation and surface treatment in microleakage of resin-modified glass ionomer restorations. Operative Dentistry, 2004, 29, 430-6.	0.6	26
45	Influence of air abrasion preparation on microleakage in glass ionomer cement restorations. Journal of Materials Science: Materials in Medicine, 2004, 15, 1213-6.	1.7	4
46	Microhardness of esthetic restorative materials at different depths. Materials Research, 2003, 6, 85-90.	0.6	9
47	In vitro evaluation of microleakage of a flowable composite in class V restorations. Brazilian Dental Journal, 2002, 13, 184-187.	0.5	19
48	Effect of Er:YAG laser on bond strength to dentin of a self-etching primer and two single-bottle adhesive systems. Lasers in Surgery and Medicine, 2002, 31, 164-170.	1.1	79
49	Influence of aging on bond strength of artificial teeth to denture base acrylic resins. Brazilian Journal of Oral Sciences, 0, 17, 1-9.	0.1	4