Alessandra Nara Souza Rastelli

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5634723/publications.pdf

Version: 2024-02-01

61	922	430442	525886
papers	citations	18 h-index	27 g-index

61	61	61	1251
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, characterization and application of Ag doped ZnO nanoparticles in a composite resin. Materials Science and Engineering C, 2019, 96, 391-401.	3.8	70
2	Titanium dioxide and modified titanium dioxide by silver nanoparticles as an anti biofilm filler content for composite resins. Dental Materials, 2019, 35, e36-e46.	1.6	53
3	The filler content of the dental composite resins and their influence on different properties. Microscopy Research and Technique, 2012, 75, 758-765.	1.2	49
4	Evaluation of degree of conversion and hardness of dental composites photo-activated with different light guide tips. European Journal of Dentistry, 2013, 7, 86-93.	0.8	42
5	Violet LED with low concentration carbamide peroxide for dental bleaching: A case report. Photodiagnosis and Photodynamic Therapy, 2018, 23, 270-272.	1.3	41
6	Effects of Photodynamic Therapy on the Adhesive Interface of Fiber Posts Cementation Protocols. Journal of Endodontics, 2018, 44, 173-178.	1.4	39
7	Effect of Four Bleaching Regimens on Color Changes and Microhardness of Dental Nanofilled Composite. International Journal of Dentistry, 2009, 2009, 1-7.	0.5	35
8	Nanotechnology for photodynamic therapy: a perspective from the Laboratory of Dr. Michael R. Hamblin in the Wellman Center for Photomedicine at Massachusetts General Hospital and Harvard Medical School. Nanotechnology Reviews, 2015, 4, 359-372.	2.6	35
9	Antibacterial activity of glass ionomer cement modified by zinc oxide nanoparticles. Microscopy Research and Technique, 2017, 80, 456-461.	1.2	35
10	Degree of conversion of nanofilled and microhybrid composite resins photo-activated by different generations of LEDs. Journal of Applied Oral Science, 2012, 20, 212-217.	0.7	34
11	Curcuminâ€loaded Pluronic‹sup›Â®‹/sup› Fâ€127 Micelles as a Drug Delivery System for Curcuminâ€mediated Photodynamic Therapy for Oral Application. Photochemistry and Photobiology, 2021, 97, 1072-1088.	1.3	30
12	Photodynamic inactivation mediated by methylene blue or chlorin e6 against Streptococcus mutans biofilm. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101817.	1.3	28
13	Effect of power densities and irradiation times on the degree of conversion and temperature increase of a microhybrid dental composite resin. Laser Physics, 2008, 18, 1074-1079.	0.6	27
14	Changes on degree of conversion of dual-cure luting light-cured with blue LED. Laser Physics, 2009, 19, 1050-1055.	0.6	27
15	Bioactive gel-glasses with distinctly different compositions: Bioactivity, viability of stem cells and antibiofilm effect against Streptococcus mutans. Materials Science and Engineering C, 2017, 76, 233-241.	3.8	26
16	Evaluation of Antimicrobial Photodynamic Therapy against Streptococcus mutans Biofilm in situ. Journal of Contemporary Dental Practice, 2016, 17, 184-191.	0.2	23
17	Current applications of drug delivery nanosystems associated with antimicrobial photodynamic therapy for oral infections. International Journal of Pharmaceutics, 2021, 592, 120078.	2.6	21
18	Changes on transmittance mode of different composite resins. Materials Research, 2009, 12, 127-132.	0.6	20

#	Article	IF	Citations
19	Photodynamic inactivation of planktonic cultures and Streptococcus mutans biofilms for prevention of white spot lesions during orthodontic treatment: An inÂvitro investigation. American Journal of Orthodontics and Dentofacial Orthopedics, 2019, 155, 243-253.	0.8	19
20	Curing depth of composite resin light cured by LED and halogen light-curing units. Laser Physics, 2008, 18, 1365-1369.	0.6	16
21	Influence of light guide tip used in the photo-activation on degree of conversion and hardness of one nanofilled dental composite. Laser Physics, 2010, 20, 2050-2055.	0.6	14
22	Violet LED for non-vital tooth bleaching as a new approach. Photodiagnosis and Photodynamic Therapy, 2019, 28, 234-237.	1.3	14
23	Changes in the temperature of a dental light-cured composite resin by different light-curing units. Laser Physics, 2008, 18, 1003-1007.	0.6	13
24	Effect of therapeutic dose X rays on mechanical and chemical properties of esthetic dental materials. Materials Research, 2008, 11, 313-318.	0.6	13
25	Zinc oxide 3<scp>D</scp> microstructures as an antimicrobial filler content for composite resins. Microscopy Research and Technique, 2017, 80, 634-643.	1.2	13
26	Influence of pre-heat treatment and different light-curing units on Vickers hardness of a microhybrid composite resin. Laser Physics, 2009, 19, 1276-1281.	0.6	12
27	Antimicrobial Photodynamic Inactivation Using Topical and Superhydrophobic Sensitizer Techniques: A Perspective from Diffusion in Biofilms^{â€}. Photochemistry and Photobiology, 2021, 97, 1266-1277.	1.3	12
28	Synergetic antimicrobial effect of chlorin e6 and hydrogen peroxide on multi-species biofilms. Biofouling, 2021, 37, 656-665.	0.8	12
29	Anti-Inflammatory Efficacy of Curcumin as an Adjunct to Non-Surgical Periodontal Treatment: A Systematic Review and Meta-Analysis. Frontiers in Pharmacology, 2022, 13, 808460.	1.6	11
30	LED and low level laser therapy association in tooth bleaching using a novel low concentration H₂O₂/N-doped TiO₂bleaching agent. Laser Physics, 2016, 26, 015602.	0.6	10
31	Photodynamic inactivation using a chlorin-based photosensitizer with blue or red-light irradiation against single-species biofilms related to periodontitis. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101916.	1.3	10
32	PrevalÃªncia dos hÃ¡bitos de sucÃ§Ã£o nÃ£o nutritiva e sua relaÃ§Ã£o com a idade, gÃªnero e tipo de aleitamento em prÃ©-escolares da cidade de Araraquara. Revista CEFAC: ActualizaÃ§Ã£o CientÃfica Em Fonoaudiologia, 2012, 14, 506-515.	0.2	9
33	Effect of curcumin-encapsulated PluronicÂ® F-127 over duo-species biofilm of Streptococcus mutans and Candida albicans. Lasers in Medical Science, 2022, 37, 1775-1786.	1.0	9
34	FT-IR spectroscopy assessment of aesthetic dental materials irradiated with low-dose therapeutic ionizing radiation. Laser Physics, 2009, 19, 461-467.	0.6	8
35	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
36	Effect of red and infrared low-level laser therapy in endodontic sealer on subcutaneous tissue. Laser Physics, 2011, 21, 2149-2155.	0.6	7

#	Article	IF	Citations
37	Effects on Bone Tissue After Osteotomy with Different High-Energy Lasers: AnEx VivoStudy. Photomedicine and Laser Surgery, 2016, 34, 291-296.	2.1	7
38	Effect of light-curing units on push-out fiber post bond strength in root canal dentin. Laser Physics, 2009, 19, 1867-1871.	0.6	6
39	Evaluation of bond strength and thickness of adhesive layer according to the techniques of applying adhesives in composite resin restorations. Quintessence International, 2013, 44, 9-15.	0.3	6
40	Influence of different light sources and photo-activation methods on degree of conversion and polymerization shrinkage of a nanocomposite resin. Laser Physics, 2009, 19, 2210-2218.	0.6	5
41	Effect of different dental composite resins on the polymerization process. Laser Physics, 2009, 19, 2224-2229.	0.6	5
42	Accurate Approach in the Treatment of Oral Bisphosphonateâ€“Related Jaw Osteonecrosis. Journal of Craniofacial Surgery, 2011, 22, 2185-2190.	0.3	5
43	Evaluation of photosensitizer-containing superhydrophobic surfaces for the antibacterial treatment of periodontal biofilms. Journal of Photochemistry and Photobiology B: Biology, 2022, 233, 112458.	1.7	5
44	Nanobiomaterials in dentistry. , 2016, , 1-25.		4
45	Ultrasound device as a minimally invasive approach for caries dentin removal. Brazilian Dental Journal, 2022, 33, 57-67.	0.5	4
46	Effect of pre-heating resin composite and light-curing units on monomer conversion. Laser Physics, 2010, 20, 285-290.	0.6	3
47	Effect of light curing sources on microhardness of different composite resins. Laser Physics, 2011, 21, 1130-1134.	0.6	3
48	Antimicrobial Photodynamic Therapy (aPDT) as a Disinfection and Biomodulation Approach in Implant Dentistry. Photochemistry and Photobiology, 2021, 97, 1155-1160.	1.3	3
49	Fluorescence Level of Composites assessed by Computer Processing of Digital Images: ScanWhiteÂ©. World Journal of Dentistry, 2012, 3, 141-144.	0.1	3
50	The influence of pH and chemical composition of beverages on color stability of a nanofilled composite resin. General Dentistry, 2016, 64, e21-e27.	0.4	3
51	Bond strength of dental adhesive systems irradiated with ionizing radiation. Journal of Adhesive Dentistry, 2010, 12, 123-8.	0.3	3
52	Measurement of shrinkage of composite resin by laser speckle contrast analysis. Laser Physics, 2009, 19, 2230-2235.	0.6	2
53	Can sono-photodynamic therapy enhance the antibacterial effect of curcumin against Streptococcus mutans biofilm?. Laser Physics Letters, 2021, 18, 105601.	0.6	2
54	Long-Term Surface Hardness and Monomer Conversion of a Nanofilled and a Microhybrid Composite Resin. Journal of Contemporary Dental Practice, 2013, 14, 876-882.	0.2	2

#	Article	IF	Citations
55	Microstructural effect of a laser-activated bleaching agent containing titanium dioxide on human enamel. Journal of Conservative Dentistry, 2020, 23, 558.	0.3	2
56	Functional Dental Restorative Materials That Hinder Oral Biofilm. Current Oral Health Reports, 2017, 4, 22-28.	0.5	1
57	Comparative evaluation of low-level laser therapy and nanometric calcium phosphate desensitizing agent on cervical dentin hypersensitivityâ€"a case report. Laser Physics, 2018, 28, 113001.	0.6	1
58	Synergistic effect of low-level laser and vacuum therapy on the temporomandibular disorder: two cases report. Laser Physics Letters, 2021, 18, 105602.	0.6	1
59	Effectiveness of violet LED dental bleaching compared to 35% hydrogen peroxide: An in vitro study. Photodiagnosis and Photodynamic Therapy, 2022, 40, 102978.	1.3	1
60	Effectiveness of partially soluble photosensitizer in photodynamic microbiological inactivation: a curcumin example. Proceedings of SPIE, 2017, , .	0.8	0
61	Photodynamic inactivation of planktonic cultures of Streptococcus mutans using erythrosine irradiated by LED. Brazilian Dental Science, 2020, 23, .	0.1	0