# Alessandra Nara Souza Rastelli

List of Publications by Year
in descending order

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| 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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Ultrasound device as a minimally invasive approach for caries dentin removal. Brazilian Dental Journal, 2022, 33, 57-67. | 0.5 | 4 |
| 5 | 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 |
| 6 | 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 |
| 7 | Current applications of drug delivery nanosystems associated with antimicrobial photodynamic therapy for oral infections. International Journal of Pharmaceutics, 2021, 592, 120078. | 2.6 | 21 |
| 8 | 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 |
| 9 | Antimicrobial Photodynamic Inactivation Using Topical and Superhydrophobic Sensitizer Techniques: A Perspective from Diffusion in Biofilms<sup>â€</sup>. Photochemistry and Photobiology, 2021, 97, 1266-1277. | 1.3 | 12 |
| 10 | Synergetic antimicrobial effect of chlorin e6 and hydrogen peroxide on multi-species biofilms. Biofouling, 2021, 37, 656-665. | 0.8 | 12 |
| 11 | Antimicrobial Photodynamic Therapy (aPDT) as a Disinfection and Biomodulation Approach in Implant Dentistry. Photochemistry and Photobiology, 2021, 97, 1155-1160. | 1.3 | 3 |
| 12 | 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 |
| 13 | Can sono-photodynamic therapy enhance the antibacterial effect of curcumin against Streptococcus mutans biofilm?. Laser Physics Letters, 2021, 18, 105601. | 0.6 | 2 |
| 14 | Photodynamic inactivation mediated by methylene blue or chlorin e6 against Streptococcus mutans biofilm. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101817. | 1.3 | 28 |
| 15 | 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 |
| 16 | Microstructural effect of a laser-activated bleaching agent containing titanium dioxide on human enamel. Journal of Conservative Dentistry, 2020, 23, 558. | 0.3 | 2 |
| 17 | Photodynamic inactivation of planktonic cultures of Streptococcus mutans using erythrosine irradiated by LED. Brazilian Dental Science, 2020, 23, . | 0.1 | 0 |
| 18 | Violet LED for non-vital tooth bleaching as a new approach. Photodiagnosis and Photodynamic Therapy, 2019, 28, 234-237. | 1.3 | 14 |

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|---|---|---|---|
| 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 | 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 |
| 21 | 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 |
| 22 | Effects of Photodynamic Therapy on the Adhesive Interface of Fiber Posts Cementation Protocols. Journal of Endodontics, 2018, 44, 173-178. | 1.4 | 39 |
| 23 | 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 |
| 24 | Violet LED with low concentration carbamide peroxide for dental bleaching: A case report. Photodiagnosis and Photodynamic Therapy, 2018, 23, 270-272. | 1.3 | 41 |
| 25 | Functional Dental Restorative Materials That Hinder Oral Biofilm. Current Oral Health Reports, 2017, 4, 22-28. | 0.5 | 1 |
| 26 | 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 |
| 27 | 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 |
| 28 | Antibacterial activity of glass ionomer cement modified by zinc oxide nanoparticles. Microscopy Research and Technique, 2017, 80, 456-461. | 1.2 | 35 |
| 29 | Effectiveness of partially soluble photosensitizer in photodynamic microbiological inactivation: a curcumin example. Proceedings of SPIE, 2017, , . | 0.8 | 0 |
| 30 | Nanobiomaterials in dentistry. , 2016, , 1-25. | | 4 |
| 31 | LED and low level laser therapy association in tooth bleaching using a novel low concentration H<sub>2</sub>O<sub>2</sub>/N-doped TiO<sub>2</sub>bleaching agent. Laser Physics, 2016, 26, 015602. | 0.6 | 10 |
| 32 | Effects on Bone Tissue After Osteotomy with Different High-Energy Lasers: AnEx VivoStudy. Photomedicine and Laser Surgery, 2016, 34, 291-296. | 2.1 | 7 |
| 33 | Evaluation of Antimicrobial Photodynamic Therapy against Streptococcus mutans Biofilm in situ. Journal of Contemporary Dental Practice, 2016, 17, 184-191. | 0.2 | 23 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|---|---|---|---|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | Fluorescence Level of Composites assessed by Computer Processing of Digital Images: ScanWhiteÂ©. World Journal of Dentistry, 2012, 3, 141-144. | 0.1 | 3 |
| 43 | Accurate Approach in the Treatment of Oral Bisphosphonateâ€“Related Jaw Osteonecrosis. Journal of Craniofacial Surgery, 2011, 22, 2185-2190. | 0.3 | 5 |
| 44 | Effect of light curing sources on microhardness of different composite resins. Laser Physics, 2011, 21, 1130-1134. | 0.6 | 3 |
| 45 | Effect of red and infrared low-level laser therapy in endodontic sealer on subcutaneous tissue. Laser Physics, 2011, 21, 2149-2155. | 0.6 | 7 |
| 46 | Effect of pre-heating resin composite and light-curing units on monomer conversion. Laser Physics, 2010, 20, 285-290. | 0.6 | 3 |
| 47 | 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 |
| 48 | Bond strength of dental adhesive systems irradiated with ionizing radiation. Journal of Adhesive Dentistry, 2010, 12, 123-8. | 0.3 | 3 |
| 49 | Changes on transmittance mode of different composite resins. Materials Research, 2009, 12, 127-132. | 0.6 | 20 |
| 50 | 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 |
| 51 | FT-IR spectroscopy assessment of aesthetic dental materials irradiated with low-dose therapeutic ionizing radiation. Laser Physics, 2009, 19, 461-467. | 0.6 | 8 |
| 52 | Changes on degree of conversion of dual-cure luting light-cured with blue LED. Laser Physics, 2009, 19, 1050-1055. | 0.6 | 27 |
| 53 | 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 |
| 54 | 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 |

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| 55 | 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 |
| 56 | Effect of different dental composite resins on the polymerization process. Laser Physics, 2009, 19, 2224-2229. | 0.6 | 5 |
| 57 | Measurement of shrinkage of composite resin by laser speckle contrast analysis. Laser Physics, 2009, 19, 2230-2235. | 0.6 | 2 |
| 58 | 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 |
| 59 | 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 |
| 60 | Curing depth of composite resin light cured by LED and halogen light-curing units. Laser Physics, 2008, 18, 1365-1369. | 0.6 | 16 |
| 61 | Effect of therapeutic dose X rays on mechanical and chemical properties of esthetic dental materials. Materials Research, 2008, 11, 313-318. | 0.6 | 13 |