Silvia Cristina Nunez

List of Publications by Year
in descending order

48 papers	2,376 citations	257101 24 h-index	253896 43 g-index
49 all docs	49 docs citations	49 times ranked	2938 citing authors

#	Article	IF	Citations
1	Use of photodynamic therapy and photobiomodulation as alternatives for microbial control on clinical and subclinical mastitis in sheep. Lasers in Medical Science, 2022, 37, 2305-2310.	1.0	5
2	Photobiomodulation Effectiveness in Treating Androgenetic Alopecia. Photobiomodulation, Photomedicine, and Laser Surgery, 2022, 40, 387-394.	0.7	2
3	Safety and Clinical Impact of a Single Red Light Irradiation on Breast Tumorâ€Bearing Mice. Photochemistry and Photobiology, 2021, 97, 435-442.	1.3	1
4	Melanin pigmented gingival tissue impairs red-light lateral scattering for antimicrobial photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2021, 33, 102135.	1.3	2
5	The use of ozone therapy and photobiomodulation therapy to treat local effects of Bothrops jararacussu snake venom. Research on Biomedical Engineering, 2021, 37, 773-783.	1.5	2
6	Perfil clÃnico-epidemiolÃ³gico de pessoas acometidas por Ãºlceras neurotrÃ³ficas decorrentes de hansenÃase. Research, Society and Development, 2021, 10, e235101220090.	0.0	0
7	Partos domiciliares planejados na regiÃ£o de Campinas de 2013 a 2017. Research, Society and Development, 2021, 10, e234101220358.	0.0	1
8	Photodynamic Activity on Biofilm in Endotracheal Tubes of Patients Admitted to an Intensive Care Unit. Photochemistry and Photobiology, 2020, 96, 618-624.	1.3	7
9	Antimicrobial photodynamic therapy action over pathogens linked with healthcare-associated infections in patients with chronical periodontal disease. , 2019, , .		0
10	Antimicrobial effects of Photodynamic Therapy to gram negative bacteria envelope revealed by Cryo-electron tomography. , 2019, , .		0
11	Antimicrobial photodynamic therapy: from basis to clinical applications. , 2019, , .		2
12	Photodynamic inactivation assisted by localized surface plasmon resonance of silver nanoparticles: In vitro evaluation on Escherichia coli and Streptococcus mutans. Photodiagnosis and Photodynamic Therapy, 2018, 22, 191-196.	1.3	28
13	Photodynamic inactivation of Candida ssp. on denture stomatitis. A clinical trial involving palatal mucosa and prosthesis disinfection. Photodiagnosis and Photodynamic Therapy, 2018, 22, 212-216.	1.3	35
14	Evaluation of red light scattering in gingival tissue â€“ in vivo study. Photodiagnosis and Photodynamic Therapy, 2018, 23, 32-34.	1.3	14
15	Type I and Type II Photosensitized Oxidation Reactions: Guidelines and Mechanistic Pathways. Photochemistry and Photobiology, 2017, 93, 912-919.	1.3	552
16	Photodynamic damage predominates on different targets depending on cell growth phase of Candida albicans. Journal of Photochemistry and Photobiology B: Biology, 2017, 177, 76-84.	1.7	14
17	Exploring the effects of lowâ€level laser therapy on fibroblasts and tumor cells following gamma radiation exposure. Journal of Biophotonics, 2016, 9, 1157-1166.	1.1	19
18	Light therapy modulates serotonin levels and blood flow in women with headache. A preliminary study. Experimental Biology and Medicine, 2016, 241, 40-45.	1.1	15

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19	Real-time evaluation of two light delivery systems for photodynamic disinfection of Candida albicans biofilm in curved root canals. Lasers in Medical Science, 2015, 30, 1657-1665.	1.0	34
20	Urea enhances the photodynamic efficiency of methylene blue. Journal of Photochemistry and Photobiology B: Biology, 2015, 150, 31-37.	1.7	45
21	Comparative clinical study of light analgesic effect on temporomandibular disorder (TMD) using red and infrared led therapy. Lasers in Medical Science, 2015, 30, 815-822.	1.0	49
22	Exploring Light-Based Technology for Wound Healing and Appliance Disinfection. Journal of the Brazilian Chemical Society, 2015, , .	0.6	2
23	Effects of ionic strength on the antimicrobial photodynamic efficiency of methylene blue. Photochemical and Photobiological Sciences, 2014, 13, 595-602.	1.6	29
24	The influence of red laser irradiation timeline on burn healing in rats. Lasers in Medical Science, 2013, 28, 633-641.	1.0	38
25	Effects of Photodynamic Therapy on Gram-Positive and Gram-Negative Bacterial Biofilms by Bioluminescence Imaging and Scanning Electron Microscopic Analysis. Photomedicine and Laser Surgery, 2013, 31, 519-525.	2.1	73
26	The use of optical fiber in endodontic photodynamic therapy. Is it really relevant?. Lasers in Medical Science, 2013, 28, 79-85.	1.0	57
27	Antimicrobial Photodynamic Therapy in the Treatment of Oral Candidiasis in HIV-Infected Patients. Photomedicine and Laser Surgery, 2012, 30, 429-432.	2.1	70
28	Antimicrobial Photodynamic Therapy on Drugâ€resistant Pseudomonas aeruginosaâ€induced Infection. An In Vivo Study^{â€}. Photochemistry and Photobiology, 2012, 88, 590-595.	1.3	75
29	Lidar-like equation model for optical coherence tomography signal solution. , 2011, , .		0
30	Antimicrobial mechanisms behind photodynamic effect in the presence of hydrogen peroxide. Photochemical and Photobiological Sciences, 2011, 10, 483-490.	1.6	54
31	Dentin hypersensitivity clinical study comparing LILT and LEDT keeping the same irradiation parameters. Laser Physics Letters, 2010, 7, 805-811.	0.6	10
32	Assessment of photodynamic damage on Escherichia coli via atomic force microscopy. Proceedings of SPIE, 2010, , .	0.8	3
33	Photodynamic Therapy Associated with Conventional Endodontic Treatment in Patients with Antibiotic-resistant Microflora: A Preliminary Report. Journal of Endodontics, 2010, 36, 1463-1466.	1.4	196
34	Oral Care Interventions and Oropharyngeal Colonization in Children Receiving Mechanical Ventilation. American Journal of Critical Care, 2009, 18, 319-328.	0.8	50
35	Low-intensity red laser on the prevention and treatment of induced-oral mucositis in hamsters. Journal of Photochemistry and Photobiology B: Biology, 2009, 94, 25-31.	1.7	55
36	Angiogenesis induced by low-intensity laser therapy: comparative study between single and fractioned dose on burn healing. Proceedings of SPIE, 2008, , .	0.8	4

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37	Antimicrobial Effects of Photodynamic Therapy on Patients with Necrotic Pulps and Periapical Lesion. Journal of Endodontics, 2008, 34, 138-142.	1.4	214
38	Antimicrobial comparison on effectiveness of endodontic therapy and endodontic therapy combined with photo-disinfection on patients with periapical lesion: a 6 month follow-up. Proceedings of SPIE, 2008, , .	0.8	4
39	Methylene blue aggregation in the presence of human saliva. Proceedings of SPIE, 2008, , .	0.8	2
40	Photonic real-time monitoring of bacterial reduction in root canals by genetically engineered bacteria after chemomechanical endodontic therapy. Brazilian Dental Journal, 2007, 18, 202-207.	0.5	20
41	Antimicrobial photodynamic therapy combined with conventional endodontic treatment to eliminate root canal biofilm infection. Lasers in Surgery and Medicine, 2007, 39, 59-66.	1.1	209
42	Effects of a single near-infrared laser treatment on cutaneous wound healing: Biometrical and histological study in rats. Journal of Photochemistry and Photobiology B: Biology, 2007, 87, 145-153.	1.7	70
43	Effects of low power red laser on induced-dental caries in rats. Archives of Oral Biology, 2007, 52, 648-654.	0.8	12
44	Effects of low-power red laser on dentineâ€“pulp interface after cavity preparation. An ultrastructural study. Archives of Oral Biology, 2007, 52, 899-903.	0.8	32
45	Management of Mouth Opening in Patients with Temporomandibular Disorders through Low-Level Laser Therapy and Transcutaneous Electrical Neural Stimulation. Photomedicine and Laser Surgery, 2006, 24, 45-49.	2.1	102
46	Efficiency of NaOCl and laser-assisted photosensitization on the reduction of Enterococcus faecalis in vitro. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2006, 102, e93-e98.	1.6	95
47	Collagen birefringence in skin repair in response to red polarized-laser therapy. Journal of Biomedical Optics, 2006, 11, 024002.	1.4	33
48	He-Ne laser effects on blood microcirculation during wound healing: A method of in vivo study through laser Doppler flowmetry. Lasers in Surgery and Medicine, 2004, 35, 363-368.	1.1	40