

# Silvia Cristina Nunez

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Type I and Type II Photosensitized Oxidation Reactions: Guidelines and Mechanistic Pathways. <i>Photochemistry and Photobiology</i> , 2017, 93, 912-919.	1.3	552
2	Antimicrobial Effects of Photodynamic Therapy on Patients with Necrotic Pulps and Periapical Lesion. <i>Journal of Endodontics</i> , 2008, 34, 138-142.	1.4	214
3	Antimicrobial photodynamic therapy combined with conventional endodontic treatment to eliminate root canal biofilm infection. <i>Lasers in Surgery and Medicine</i> , 2007, 39, 59-66.	1.1	209
4	Photodynamic Therapy Associated with Conventional Endodontic Treatment in Patients with Antibiotic-resistant Microflora: A Preliminary Report. <i>Journal of Endodontics</i> , 2010, 36, 1463-1466.	1.4	196
5	Management of Mouth Opening in Patients with Temporomandibular Disorders through Low-Level Laser Therapy and Transcutaneous Electrical Neural Stimulation. <i>Photomedicine and Laser Surgery</i> , 2006, 24, 45-49.	2.1	102
6	Efficiency of NaOCl and laser-assisted photosensitization on the reduction of <i>Enterococcus faecalis</i> in vitro. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2006, 102, e93-e98.	1.6	95
7	Antimicrobial Photodynamic Therapy on Drug-resistant <i>Pseudomonas aeruginosa</i> -induced Infection. An <i>In Vivo</i> Study. <i>Photochemistry and Photobiology</i> , 2012, 88, 590-595.	1.3	75
8	Effects of Photodynamic Therapy on Gram-Positive and Gram-Negative Bacterial Biofilms by Bioluminescence Imaging and Scanning Electron Microscopic Analysis. <i>Photomedicine and Laser Surgery</i> , 2013, 31, 519-525.	2.1	73
9	Effects of a single near-infrared laser treatment on cutaneous wound healing: Biometrical and histological study in rats. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007, 87, 145-153.	1.7	70
10	Antimicrobial Photodynamic Therapy in the Treatment of Oral Candidiasis in HIV-Infected Patients. <i>Photomedicine and Laser Surgery</i> , 2012, 30, 429-432.	2.1	70
11	The use of optical fiber in endodontic photodynamic therapy. Is it really relevant?. <i>Lasers in Medical Science</i> , 2013, 28, 79-85.	1.0	57
12	Low-intensity red laser on the prevention and treatment of induced-oral mucositis in hamsters. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009, 94, 25-31.	1.7	55
13	Antimicrobial mechanisms behind photodynamic effect in the presence of hydrogen peroxide. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 483-490.	1.6	54
14	Oral Care Interventions and Oropharyngeal Colonization in Children Receiving Mechanical Ventilation. <i>American Journal of Critical Care</i> , 2009, 18, 319-328.	0.8	50
15	Comparative clinical study of light analgesic effect on temporomandibular disorder (TMD) using red and infrared led therapy. <i>Lasers in Medical Science</i> , 2015, 30, 815-822.	1.0	49
16	Urea enhances the photodynamic efficiency of methylene blue. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 150, 31-37.	1.7	45
17	He-Ne laser effects on blood microcirculation during wound healing: A method of in vivo study through laser Doppler flowmetry. <i>Lasers in Surgery and Medicine</i> , 2004, 35, 363-368.	1.1	40
18	The influence of red laser irradiation timeline on burn healing in rats. <i>Lasers in Medical Science</i> , 2013, 28, 633-641.	1.0	38

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19	Photodynamic inactivation of <i>Candida</i> spp. on denture stomatitis. A clinical trial involving palatal mucosa and prosthesis disinfection. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 22, 212-216.	1.3	35
20	Real-time evaluation of two light delivery systems for photodynamic disinfection of <i>Candida albicans</i> biofilm in curved root canals. <i>Lasers in Medical Science</i> , 2015, 30, 1657-1665.	1.0	34
21	Collagen birefringence in skin repair in response to red polarized-laser therapy. <i>Journal of Biomedical Optics</i> , 2006, 11, 024002.	1.4	33
22	Effects of low-power red laser on dentine-pulp interface after cavity preparation. An ultrastructural study. <i>Archives of Oral Biology</i> , 2007, 52, 899-903.	0.8	32
23	Effects of ionic strength on the antimicrobial photodynamic efficiency of methylene blue. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 595-602.	1.6	29
24	Photodynamic inactivation assisted by localized surface plasmon resonance of silver nanoparticles: In vitro evaluation on <i>Escherichia coli</i> and <i>Streptococcus mutans</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 22, 191-196.	1.3	28
25	Photonic real-time monitoring of bacterial reduction in root canals by genetically engineered bacteria after chemomechanical endodontic therapy. <i>Brazilian Dental Journal</i> , 2007, 18, 202-207.	0.5	20
26	Exploring the effects of low-level laser therapy on fibroblasts and tumor cells following gamma radiation exposure. <i>Journal of Biophotonics</i> , 2016, 9, 1157-1166.	1.1	19
27	Light therapy modulates serotonin levels and blood flow in women with headache. A preliminary study. <i>Experimental Biology and Medicine</i> , 2016, 241, 40-45.	1.1	15
28	Photodynamic damage predominates on different targets depending on cell growth phase of <i>Candida albicans</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 177, 76-84.	1.7	14
29	Evaluation of red light scattering in gingival tissue – in vivo study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 23, 32-34.	1.3	14
30	Effects of low power red laser on induced-dental caries in rats. <i>Archives of Oral Biology</i> , 2007, 52, 648-654.	0.8	12
31	Dentin hypersensitivity clinical study comparing LILT and LEDT keeping the same irradiation parameters. <i>Laser Physics Letters</i> , 2010, 7, 805-811.	0.6	10
32	Photodynamic Activity on Biofilm in Endotracheal Tubes of Patients Admitted to an Intensive Care Unit. <i>Photochemistry and Photobiology</i> , 2020, 96, 618-624.	1.3	7
33	Use of photodynamic therapy and photobiomodulation as alternatives for microbial control on clinical and subclinical mastitis in sheep. <i>Lasers in Medical Science</i> , 2022, 37, 2305-2310.	1.0	5
34	Angiogenesis induced by low-intensity laser therapy: comparative study between single and fractioned dose on burn healing. <i>Proceedings of SPIE</i> , 2008, , .	0.8	4
35	Antimicrobial comparison on effectiveness of endodontic therapy and endodontic therapy combined with photo-disinfection on patients with periapical lesion: a 6 month follow-up. <i>Proceedings of SPIE</i> , 2008, , .	0.8	4
36	Assessment of photodynamic damage on <i>Escherichia coli</i> via atomic force microscopy. <i>Proceedings of SPIE</i> , 2010, , .	0.8	3

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37	Methylene blue aggregation in the presence of human saliva. Proceedings of SPIE, 2008, , .	0.8	2
38	Melanin pigmented gingival tissue impairs red-light lateral scattering for antimicrobial photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2021, 33, 102135.	1.3	2
39	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
40	Exploring Light-Based Technology for Wound Healing and Appliance Disinfection. Journal of the Brazilian Chemical Society, 2015, , .	0.6	2
41	Antimicrobial photodynamic therapy: from basis to clinical applications. , 2019, , .		2
42	Photobiomodulation Effectiveness in Treating Androgenetic Alopecia. Photobiomodulation, Photomedicine, and Laser Surgery, 2022, 40, 387-394.	0.7	2
43	Safety and Clinical Impact of a Single Red Light Irradiation on Breast Tumor-bearing Mice. Photochemistry and Photobiology, 2021, 97, 435-442.	1.3	1
44	Partos domiciliares planejados na regiŁo de Campinas de 2013 a 2017. Research, Society and Development, 2021, 10, e234101220358.	0.0	1
45	Lidar-like equation model for optical coherence tomography signal solution. , 2011, , .		0
46	Perfil clĀnico-epidemiolģico de pessoas acometidas por Ālceras neurotrģficas decorrentes de hansenĀase. Research, Society and Development, 2021, 10, e235101220090.	0.0	0
47	Antimicrobial photodynamic therapy action over pathogens linked with healthcare-associated infections in patients with chronic periodontal disease. , 2019, , .		0
48	Antimicrobial effects of Photodynamic Therapy to gram negative bacteria envelope revealed by Cryo-electron tomography. , 2019, , .		0