

Renato Araújo Prates

List of Publications by Year in descending order

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82
papers

1,815
citations

257450

24
h-index

289244

40
g-index

82
all docs

82
docs citations

82
times ranked

2204
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of antimicrobial photodynamic therapy with red led and methylene blue on the reduction of halitosis: controlled microbiological clinical trial. <i>Lasers in Medical Science</i> , 2022, 37, 877-886.	2.1	8
2	The importance of combining methods to assess <i>Candida albicans</i> biofilms following photodynamic inactivation. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 38, 102769.	2.6	3
3	Efficacy of antimicrobial photodynamic therapy (aPDT) for nonsurgical treatment of periodontal disease: a systematic review. <i>Lasers in Medical Science</i> , 2021, 36, 1573-1590.	2.1	25
4	Melanin pigmented gingival tissue impairs red-light lateral scattering for antimicrobial photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 33, 102135.	2.6	2
5	Effects of photobiomodulation in salivary glands of chronic kidney disease patients on hemodialysis. <i>Lasers in Medical Science</i> , 2021, 36, 1209-1217.	2.1	4
6	Comparative study between photodynamic therapy with urucum + Led and probiotics in halitosis reduction – protocol for a controlled clinical trial. <i>PLoS ONE</i> , 2021, 16, e0247096.	2.5	2
7	Erythrosine as a photosensitizer for antimicrobial photodynamic therapy with blue light-emitting diodes – An in vitro study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 35, 102445.	2.6	7
8	Use of laser-assisted indocyanine green angiography in breast reconstruction: Systematic review and meta-analysis. <i>Journal of Surgical Oncology</i> , 2020, 121, 759-765.	1.7	9
9	The effects of photodynamic therapy with blue light and papain-based gel associated with Urucum, on collagen and fibroblasts: a spectroscopic and cytotoxicity analysis. <i>Lasers in Medical Science</i> , 2020, 35, 767-775.	2.1	6
10	Photodynamic antimicrobial chemotherapy action of phenothiazinium dyes in planktonic <i>Candida albicans</i> is increased in sodium dodecyl sulfate. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101612.	2.6	8
11	Photobiomodulation and salivary glands: a systematic review. <i>Lasers in Medical Science</i> , 2020, 35, 777-788.	2.1	15
12	Antimicrobial photodynamic therapy mediated by methylene blue in surfactant vehicle on periodontopathogens. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101784.	2.6	14
13	Antimicrobial photodynamic chemotherapy mediated by PapaMBlue on chronic periodontal disease. <i>Medicine (United States)</i> , 2020, 99, e18854.	1.0	2
14	Photodynamic therapy for endodontic treatment of primary teeth: A randomized controlled clinical trial. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101732.	2.6	21
15	Antimicrobial photodynamic therapy with <i>Bixa orellana</i> extract and blue LED in the reduction of halitosis – A randomized, controlled clinical trial. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101751.	2.6	22
16	The effect of antimicrobial photodynamic therapy mediated by papain gel on infected dentin in primary teeth: a clinical trial with microbiological evaluation. <i>Lasers in Dental Science</i> , 2019, 3, 275-281.	0.6	0
17	Effect of photodynamic antimicrobial chemotherapy on <i>Candida albicans</i> in the presence of glucose. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 54-58.	2.6	11
18	Parameters for antimicrobial photodynamic therapy on periodontal pocket – Randomized clinical trial. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 132-136.	2.6	28

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19	Photodynamic antimicrobial chemotherapy has an overt killing effect on periodontal pathogens? A systematic review of experimental studies. <i>Lasers in Medical Science</i> , 2019, 34, 1527-1534.	2.1	14
20	Automated Colony Counter for Single Plate Serial Dilution Spotting. <i>Lecture Notes in Computer Science</i> , 2019, , 410-418.	1.3	1
21	Automatic segmentation method for CFU counting in single plate-serial dilution. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2019, 195, 103889.	3.5	8
22	The effect of antimicrobial photodynamic therapy on infected dentin in primary teeth. <i>Medicine (United States)</i> , 2019, 98, e15110.	1.0	10
23	Antimicrobial photodynamic therapy action over pathogens linked with healthcare-associated infections in patients with chronic periodontal disease. , 2019, , .		0
24	Antimicrobial Photodynamic Therapy as a Co-Adjuvant in Endodontic Treatment of Deciduous Teeth: Case Series. <i>Photochemistry and Photobiology</i> , 2018, 94, 760-764.	2.5	8
25	Photodynamic Therapy Associated with a Blue Dye Papain-Based Gel and Evaluation of Its Degradation of Type I Collagen Fibers. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 100-104.	2.0	2
26	Photodynamic therapy with Bixa orellana extract and LED for the reduction of halitosis: study protocol for a randomized, microbiological and clinical trial. <i>Trials</i> , 2018, 19, 590.	1.6	9
27	Influence of Ultrapulsed CO2 Laser, before Application of Different Types of Fluoride, on the Increase of Microhardness of Enamel In Vitro. <i>BioMed Research International</i> , 2018, 2018, 1-7.	1.9	5
28	Controlling methylene blue aggregation: a more efficient alternative to treat <i>Candida albicans</i> infections using photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1355-1364.	2.9	37
29	Evaluation of red light scattering in gingival tissue “in vivo” study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 23, 32-34.	2.6	14
30	Antimicrobial photodynamic therapy as a new approach for the treatment of vulvovaginal candidiasis: preliminary results. <i>Lasers in Medical Science</i> , 2018, 33, 1925-1931.	2.1	16
31	Laser speckle imaging for lesion detection on tooth. , 2018, , .		0
32	Antimicrobial photodynamic therapy on <i>Streptococcus mutans</i> is altered by glucose in the presence of methylene blue and red LED. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 19, 1-4.	2.6	32
33	Diagnosis of occlusal caries lesions in deciduous molars by coherent light scattering pattern speckle. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 18, 221-225.	2.6	5
34	Antimicrobial photodynamic therapy combined to periodontal treatment: Experimental model. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 18, 275-278.	2.6	11
35	Glucose modulates antimicrobial photodynamic inactivation of <i>Candida albicans</i> in biofilms. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 17, 173-179.	2.6	23
36	Effects of two different decellularization routes on the mechanical properties of decellularized lungs. <i>PLoS ONE</i> , 2017, 12, e0178696.	2.5	15

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37	Low Intensity laser therapy in patients with burning mouth syndrome: a randomized, placebo-controlled study. <i>Brazilian Oral Research</i> , 2016, 30, e108.	1.4	31
38	Effect of photodynamic therapy for the treatment of halitosis in adolescents – a controlled, microbiological, clinical trial. <i>Journal of Biophotonics</i> , 2016, 9, 1337-1343.	2.3	24
39	Antimicrobial photodynamic therapy on <i>Candida albicans</i> pre-treated by fluconazole delayed yeast inactivation. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 15, 25-27.	2.6	11
40	Relationship between analysis of laser speckle image and Knoop hardness on softening enamel. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 15, 139-142.	2.6	9
41	Papain gel containing methylene blue for simultaneous caries removal and antimicrobial photoinactivation against <i>Streptococcus mutans</i> biofilms. <i>Scientific Reports</i> , 2016, 6, 33270.	3.3	26
42	Immediate results of photodynamic therapy for the treatment of halitosis in adolescents: a randomized, controlled, clinical trial. <i>Lasers in Medical Science</i> , 2016, 31, 41-47.	2.1	25
43	Photodynamic inactivation of <i>Candida albicans</i> biofilm: Influence of the radiant energy and photosensitizer charge. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 14, 111-114.	2.6	20
44	Antimicrobial photodynamic therapy combined with periodontal treatment for metabolic control in patients with type 2 diabetes mellitus: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 229.	1.6	5
45	Tissue Responses to Postoperative Laser Therapy in Diabetic Rats Submitted to Excisional Wounds. <i>PLoS ONE</i> , 2015, 10, e0122042.	2.5	22
46	Analysis of eroded bovine teeth through laser speckle imaging. <i>Proceedings of SPIE</i> , 2015, , .	0.8	5
47	<i>Aggregatibacter actinomycetemcomitans</i> biofilm can be inactivated by methylene blue-mediated photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2015, 12, 131-135.	2.6	41
48	Photodynamic therapy as a new approach in vulvovaginal candidiasis in murine model. , 2015, , .		1
49	Laser Speckle Imaging: A Novel Method for Detecting Dental Erosion. <i>PLoS ONE</i> , 2015, 10, e0118429.	2.5	24
50	Photodynamic therapy as a novel treatment for halitosis in adolescents: study protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 443.	1.6	24
51	Photodynamic therapy has antifungal effect and reduces inflammatory signals in <i>Candida albicans</i> -induced murine vaginitis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2014, 11, 275-282.	2.6	36
52	Photodynamic therapy as novel treatment for halitosis in adolescents: a case series study. <i>Journal of Lasers in Medical Sciences</i> , 2014, 5, 146-52.	1.2	16
53	The influence of red laser irradiation timeline on burn healing in rats. <i>Lasers in Medical Science</i> , 2013, 28, 633-641.	2.1	38
54	Antimicrobial Photodynamic Inactivation Inhibits <i>Candida albicans</i> Virulence Factors and Reduces <i>In Vivo</i> Pathogenicity. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 445-451.	3.2	92

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55	Inhomogeneity in optical properties of rat brain: a study for LLLT dosimetry. Proceedings of SPIE, 2013, , .	0.8	1
56	Immediate and Short-Term Effects of In-Office Desensitizing Treatments for Dentinal Tubule Occlusion. Photomedicine and Laser Surgery, 2013, 31, 274-282.	2.0	26
57	Effect of Virulence Factors on the Photodynamic Inactivation of <i>Cryptococcus neoformans</i> . PLoS ONE, 2013, 8, e54387.	2.5	29
58	Concepts and Principles of Photodynamic Therapy as an Alternative Antifungal Discovery Platform. Frontiers in Microbiology, 2012, 3, 120.	3.5	200
59	Laser scattering by transcranial rat brain illumination. Proceedings of SPIE, 2012, , .	0.8	4
60	CdTe/CdS-MPA quantum dots as fluorescent probes to label yeast cells: synthesis, characterization and conjugation with Concanavalin A. , 2012, , .		2
61	Red laser attenuation in biological tissues: study of the inflammatory process and pigmentation influence. , 2012, , .		2
62	Antimicrobial Photodynamic Therapy as a Strategy to Arrest Enamel Demineralization: A Short-Term Study on Incipient Caries in a Rat Model^{â€‹}. Photochemistry and Photobiology, 2012, 88, 584-589.	2.5	26
63	Antimicrobial Photodynamic Therapy on Drug-Resistant <i>Pseudomonas aeruginosa</i> -Induced Infection. An <i>In Vivo</i> Study^{â€‹}. Photochemistry and Photobiology, 2012, 88, 590-595.	2.5	75
64	<i>Cryptococcus neoformans</i> capsule protects cell from oxygen reactive species generated by antimicrobial photodynamic inactivation. , 2011, , .		2
65	<i>Cryptococcus gattii</i> : <i>In Vitro</i> Susceptibility to Photodynamic Inactivation. Photochemistry and Photobiology, 2011, 87, 357-364.	2.5	28
66	Combination Efficacy of Voriconazole and Amphotericin B in the Experimental Disease in Immunodeficient Mice Caused by Fluconazole-resistant <i>Cryptococcus neoformans</i> . Mycopathologia, 2011, 171, 261-266.	3.1	13
67	Histomorphometric and Microbiological Assessment of Photodynamic Therapy as an Adjuvant Treatment for Periodontitis: A Short-Term Evaluation of Inflammatory Periodontal Conditions and Bacterial Reduction in a Rat Model. Photomedicine and Laser Surgery, 2011, 29, 835-844.	2.0	38
68	Oxidative stress of photodynamic antimicrobial chemotherapy inhibits <i>Candida albicans</i> virulence. , 2011, , .		1
69	Influence of multidrug efflux systems on methylene blue-mediated photodynamic inactivation of <i>Candida albicans</i> . Journal of Antimicrobial Chemotherapy, 2011, 66, 1525-1532.	3.0	77
70	Low-Level Laser Therapy in Burning Mouth Syndrome Patients: A Pilot Study. Photomedicine and Laser Surgery, 2010, 28, 835-839.	2.0	42
71	Photodynamic therapy on bacterial reduction in dental caries: in vivo study. Proceedings of SPIE, 2010, , .	0.8	2
72	Real time optical coherence tomography monitoring of <i>Candida albicans</i> biofilm in vitro during photodynamic treatment. , 2010, , .		1

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73	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.	3.8	55
74	Light parameters influence cell viability in antifungal photodynamic therapy in a fluence and rate fluence-dependent manner. Laser Physics, 2009, 19, 1038-1044.	1.2	66
75	Photodynamic therapy can kill <i>Cryptococcus neoformans</i> in in vitro and in vivo models. , 2009, , .		2
76	Effectiveness in total reduction of <i>Candida albicans</i> promoted by PDT with hypocrellin B:lanthanum. , 2009, , .		2
77	The irradiation parameters investigation of photodynamic therapy on yeast cells. Proceedings of SPIE, 2008, , .	0.8	5
78	Angiogenesis induced by low-intensity laser therapy: comparative study between single and fractioned dose on burn healing. Proceedings of SPIE, 2008, , .	0.8	4
79	Investigation of Mast Cells in Human Gingiva Following Low-Intensity Laser Irradiation. Photomedicine and Laser Surgery, 2008, 26, 315-321.	2.0	35
80	Photosensitization of <i>Aggregatibacter actinomycetemcomitans</i> with methylene blue: a microbiological and spectroscopic study. , 2008, , .		3
81	Bactericidal effect of malachite green and red laser on <i>Actinobacillus actinomycetemcomitans</i> . Journal of Photochemistry and Photobiology B: Biology, 2007, 86, 70-76.	3.8	96
82	Clinical Study of the Gingiva Healing after Gingivectomy and Low-Level Laser Therapy. Photomedicine and Laser Surgery, 2006, 24, 588-594.	2.0	131