

Aguinaldo S Garcez

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,534
citations

394286

19
h-index

330025

37
g-index

47
all docs

47
docs citations

47
times ranked

1678
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	Antimicrobial mechanisms behind photodynamic effect in the presence of hydrogen peroxide. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 483-490.	1.6	54
9	Effects of antimicrobial photodynamic therapy and surgical endodontic treatment on the bacterial load reduction and periapical lesion healing. Three years follow up. <i>Photodiagnosis and Photodynamic Therapy</i> , 2015, 12, 575-580.	1.3	52
10	Low-level laser therapy stimulates bone metabolism and inhibits root resorption during tooth movement in a rodent model. <i>Journal of Biophotonics</i> , 2016, 9, 1222-1235.	1.1	47
11	Biofilm retention by 3 methods of ligation on orthodontic brackets: A microbiologic and optical coherence tomography analysis. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011, 140, e193-e198.	0.8	45
12	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
13	Assessment of respiratory muscle strength and airflow before and after microimplant-assisted rapid palatal expansion. <i>Angle Orthodontist</i> , 2019, 89, 713-720.	1.1	36
14	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
15	Methylene Blue and Hydrogen Peroxide for Photodynamic Inactivation in Root Canal - A New Protocol for Use in Endodontics. <i>European Endodontic Journal</i> , 2017, 2, 29-29.	0.4	32
16	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
17	Effects of Low-Level Laser Therapy in Orthodontic Patients on Immediate Inflammatory Response After Mini-Implants Insertion: A Preliminary Report. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 57-63.	2.1	26
18	Effects of corticopuncture (CP) and low-level laser therapy (LLLT) on the rate of tooth movement and root resorption in rats using micro-CT evaluation. <i>Lasers in Medical Science</i> , 2018, 33, 811-821.	1.0	25

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19	Photobiomodulation increases intrusion tooth movement and modulates IL-6, IL-8 and IL-1 β expression during orthodontically bone remodeling. <i>Journal of Biophotonics</i> , 2019, 12, e201800311.	1.1	21
20	Effects of antimicrobial photodynamic therapy on antibiotic-resistant <i>Escherichia coli</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 102029.	1.3	20
21	Effects of low-intensity laser therapy over mini-implants success rate in pigs. <i>Lasers in Medical Science</i> , 2015, 30, 727-732.	1.0	19
22	The potential of commercially available phytotherapeutic compounds as new photosensitizers for dental antimicrobial PDT: A photochemical and photobiological in vitro study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 248-254.	1.3	17
23	Exploring the <i>Galleria mellonella</i> model to study antifungal photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 66-73.	1.3	14
24	Effects of maxillary skeletal expansion on respiratory function and sport performance in a para-athlete – A case report. <i>Physical Therapy in Sport</i> , 2019, 36, 70-77.	0.8	11
25	High energy density LED-based photobiomodulation inhibits squamous cell carcinoma progression in co-cultures in vitro. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 199, 111592.	1.7	9
26	Individual biosafety barrier in dentistry: an alternative in times of covid-19. Preliminary study. <i>Rgo</i> , 0, 68, .	0.2	9
27	Photodynamic Therapy and Photobiomodulation on Oral Lesion in Patient with Coronavirus Disease 2019: A Case Report. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2021, 39, 386-389.	0.7	8
28	Effects of Photobiomodulation on Root Resorption Induced by Orthodontic Tooth Movement and RANKL/OPG Expression in Rats. <i>Photochemistry and Photobiology</i> , 2019, 95, 1249-1257.	1.3	7
29	Avaliação do efeito de cepas probióticas em biofilme de <i>S. aureus</i> sobre discos de titânio com superfície tratada. <i>Universidade Estadual Paulista Revista De Odontologia</i> , 0, 48, .	0.3	7
30	Effects of Photobiomodulation on SOFAT, A Cell-derived Cytokine, May Explain Accelerated Orthodontic Tooth Movement. <i>Photochemistry and Photobiology</i> , 2018, 94, 604-610.	1.3	6
31	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
32	Assessment of photodynamic damage on <i>Escherichia coli</i> via atomic force microscopy. <i>Proceedings of SPIE</i> , 2010, , .	0.8	3
33	Self-reported taste and smell impairment among patients diagnosed with COVID-19 in Brazil. <i>Oral Diseases</i> , 2022, 28, 2559-2562.	1.5	3
34	Methylene blue aggregation in the presence of human saliva. <i>Proceedings of SPIE</i> , 2008, , .	0.8	2
35	Antimicrobial effects of azulene induced by light. <i>Photodiagnosis and Photodynamic Therapy</i> , 2011, 8, 179-180.	1.3	2
36	Exploring Light-Based Technology for Wound Healing and Appliance Disinfection. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	2

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37	Photoelastic analysis of tension distribution in different orthodontic approaches for closing anterior open bites. <i>Minerva Stomatologica: A Journal on Dentistry and Maxillofacial Surgery</i> , 2019, 68, 265-272.	1.3	1
38	Antimicrobial activity of probiotics against oral pathogens around orthodontic mini-implants: an in vitro study. <i>Dental Press Journal of Orthodontics</i> , 2021, 26, e2119350.	0.2	1
39	Effects of photobiomodulation on sport performance in swimming para-athletes – a case series. <i>Research in Sports Medicine</i> , 2021, , 1-6.	0.7	0
40	Comparative analysis of two laser wavelengths in the stimulation of acupuncture points for analgesic effects in an animal model. <i>Journal of Biophotonics</i> , 2021, , e202100213.	1.1	0
41	Antimicrobial effects of Photodynamic Therapy to gram negative bacteria envelope revealed by Cryo-electron tomography. , 2019, , .		0
42	Reliability of a Centroid method to estimate head position in cephalometric diagnosis. <i>Rgo</i> , 0, 68, .	0.2	0
43	Methylene Blue and Hydrogen Peroxide for Photodynamic Inactivation in Root Canal - A New Protocol for Use in Endodontics. <i>European Endodontic Journal</i> , 2017, 2, 1-7.	0.4	0
44	Evaluation of the cephalometric centroid point in individuals before and after the pubertal growth peak. <i>Rgo</i> , 0, 70, .	0.2	0
45	Assessment of a Biosafety Device to Control Contamination by Airborne Transmission during Orthodontic/Dental Procedures. <i>International Journal of Dentistry</i> , 2022, 2022, 1-9.	0.5	0