

# Anna Carolina Ratto Tempestini Horliani

## List of Publications by Year in descending order

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101  
papers

1,273  
citations

430442

18  
h-index

500791

28  
g-index

103  
all docs

103  
docs citations

103  
times ranked

1662  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissemination of Periodontal Pathogens in the Bloodstream after Periodontal Procedures: A Systematic Review. PLoS ONE, 2014, 9, e98271.	1.1	104
2	Comparison of the Anesthetic Efficacy between Bupivacaine and Lidocaine in Patients with Irreversible Pulpitis of Mandibular Molar. Journal of Endodontics, 2012, 38, 594-597.	1.4	47
3	Beneficial effects of ascorbic acid to treat lung fibrosis induced by paraquat. PLoS ONE, 2018, 13, e0205535.	1.1	41
4	Assessment of preemptive analgesia with ibuprofen coadministered or not with dexamethasone in third molar surgery: a randomized double-blind controlled clinical trial. Oral and Maxillofacial Surgery, 2013, 17, 165-171.	0.6	39
5	“Efficacy of photodynamic therapy on the treatment of herpes labialis: A systematic review” Photodiagnosis and Photodynamic Therapy, 2020, 29, 101536.	1.3	39
6	Micro-computed tomography and histomorphometric analysis of human alveolar bone repair induced by laser phototherapy: a pilot study. International Journal of Oral and Maxillofacial Surgery, 2015, 44, 1521-1528.	0.7	37
7	Controlling methylene blue aggregation: a more efficient alternative to treat Candida albicans infections using photodynamic therapy. Photochemical and Photobiological Sciences, 2018, 17, 1355-1364.	1.6	37
8	Photobiomodulation therapy improves both inflammatory and fibrotic parameters in experimental model of lung fibrosis in mice. Lasers in Medical Science, 2017, 32, 1825-1834.	1.0	34
9	Comparative analysis of preemptive analgesic effect of dexamethasone and diclofenac following third molar surgery. Brazilian Oral Research, 2013, 27, 266-271.	0.6	32
10	Low-Level Laser Therapy Reduces Lung Inflammation in an Experimental Model of Chronic Obstructive Pulmonary Disease Involving P2X7 Receptor. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-8.	1.9	32
11	Anesthetic Efficacy in Irreversible Pulpitis: A Randomized Clinical Trial. Brazilian Dental Journal, 2016, 27, 381-386.	0.5	29
12	Parameters for antimicrobial photodynamic therapy on periodontal pocket”Randomized clinical trial. Photodiagnosis and Photodynamic Therapy, 2019, 27, 132-136.	1.3	28
13	Occlusal adjustment associated with periodontal therapy”A systematic review. Journal of Dentistry, 2012, 40, 1025-1035.	1.7	26
14	Efficacy of antimicrobial photodynamic therapy (aPDT) for nonsurgical treatment of periodontal disease: a systematic review. Lasers in Medical Science, 2021, 36, 1573-1590.	1.0	25
15	Antibiotic therapy in fully impacted lower third molar surgery: randomized three-arm, double-blind, controlled trial. Oral and Maxillofacial Surgery, 2015, 19, 341-346.	0.6	23
16	Antimicrobial photodynamic therapy with Bixa orellana extract and blue LED in the reduction of halitosis”A randomized, controlled clinical trial. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101751.	1.3	22
17	Photodynamic therapy for endodontic treatment of primary teeth: A randomized controlled clinical trial. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101732.	1.3	21
18	Treatment of herpes labialis by photodynamic therapy. Medicine (United States), 2020, 99, e19500.	0.4	20

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19	Photobiomodulation Therapy Decreases Oxidative Stress in the Lung Tissue after Formaldehyde Exposure: Role of Oxidant/Antioxidant Enzymes. <i>Mediators of Inflammation</i> , 2016, 2016, 1-9.	1.4	19
20	Evaluation of the effectiveness of photodynamic therapy for the endodontic treatment of primary teeth: study protocol for a randomized controlled clinical trial. <i>Trials</i> , 2015, 16, 551.	0.7	18
21	Photobiomodulation in oral mucositis in patients with head and neck cancer: a systematic review and meta-analysis followed by a cost-effectiveness analysis. <i>Supportive Care in Cancer</i> , 2020, 28, 5649-5659.	1.0	18
22	Assessment of the quantity of microorganisms associated with bronchiectasis in saliva, sputum and nasal lavage after periodontal treatment: a study protocol of a randomised controlled trial. <i>BMJ Open</i> , 2016, 6, e010564.	0.8	17
23	Therapeutic comparison between treatments for Vulvar Lichen Sclerosus: study protocol of a randomized prospective and controlled trial. <i>BMC Women's Health</i> , 2017, 17, 61.	0.8	17
24	Efficacy of photobiomodulation on oral lichen planus: a protocol study for a double-blind, randomised controlled clinical trial. <i>BMJ Open</i> , 2018, 8, e024083.	0.8	17
25	Effects of Photobiomodulation with Low-level Laser Therapy on Muscle Repair Following a Peripheral Nerve Injury in Wistar Rats. <i>Photochemistry and Photobiology</i> , 2020, 96, 1124-1132.	1.3	17
26	Hyaluronidase Increases the Duration of Mepivacaine in Inferior Alveolar Nerve Blocks. <i>Journal of Oral and Maxillofacial Surgery</i> , 2008, 66, 286-290.	0.5	16
27	Evaluation of low-level laser at auriculotherapy points to reduce postoperative pain in inferior third molar surgery: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 432.	0.7	15
28	Photobiomodulation and salivary glands: a systematic review. <i>Lasers in Medical Science</i> , 2020, 35, 777-788.	1.0	15
29	Effects of periodontitis on the development of asthma: The role of photodynamic therapy. <i>PLoS ONE</i> , 2017, 12, e0187945.	1.1	14
30	Sensory and motor responses after photobiomodulation associated with physiotherapy in patients with incomplete spinal cord injury: clinical, randomized trial. <i>Lasers in Medical Science</i> , 2020, 35, 1751-1758.	1.0	14
31	Effects of photobiomodulation on interleukin-10 and nitrites in individuals with relapsing-remitting multiple sclerosis – Randomized clinical trial. <i>PLoS ONE</i> , 2020, 15, e0230551.	1.1	14
32	Photobiomodulation is effective in oral lichen planus: A randomized, controlled, double-blind study. <i>Oral Diseases</i> , 2021, 27, 1205-1216.	1.5	14
33	Effect of photodynamic therapy in the reduction of halitosis in patients with multiple sclerosis: clinical trial. <i>Journal of Breath Research</i> , 2017, 11, 046006.	1.5	13
34	Evaluation of muscle activity, bite force and salivary cortisol in children with bruxism before and after low level laser applied to acupoints: study protocol for a randomised controlled trial. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 391.	3.7	13
35	Evaluation of the Effect of Phototherapy in Patients with Mandibular Fracture on Mandibular Dynamics, Pain, Edema, and Bite Force: A Pilot Study. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 24-30.	2.1	13
36	Evaluation of in-office tooth whitening treatment with violet LED: protocol for a randomised controlled clinical trial. <i>BMJ Open</i> , 2018, 8, e021414.	0.8	12

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37	Low-level laser treatment applied at auriculotherapy points to reduce postoperative pain in third molar surgery: A randomized, controlled, single-blinded study. PLoS ONE, 2018, 13, e0197989.	1.1	12
38	Effects of Photobiomodulation on Functionality in Wistar Rats with Sciatic Nerve Injury. Photochemistry and Photobiology, 2019, 95, 879-885.	1.3	12
39	Oral hygiene in intensive care unit patients with photodynamic therapy: study protocol for randomised controlled trial. Trials, 2017, 18, 385.	0.7	11
40	Effect of irradiation with intravascular laser on the hemodynamic variables of hypertensive patients. Medicine (United States), 2019, 98, e15111.	0.4	11
41	Effect of Photobiomodulation on Salivary Cortisol, Masticatory Muscle Strength, and Clinical Signs in Children with Sleep Bruxism: A Randomized Controlled Trial. Photobiomodulation, Photomedicine, and Laser Surgery, 2021, 39, 23-29.	0.7	11
42	The effect of antimicrobial photodynamic therapy on infected dentin in primary teeth. Medicine (United States), 2019, 98, e15110.	0.4	10
43	Preventive effect of remineralizing materials on dental erosion lesions by speckle technique: An in vitro analysis. Photodiagnosis and Photodynamic Therapy, 2020, 29, 101655.	1.3	10
44	Efficacy of photodynamic therapy and periodontal treatment in patients with gingivitis and fixed orthodontic appliances. Medicine (United States), 2020, 99, e19429.	0.4	10
45	Treatment of halitosis with photodynamic therapy in older adults with complete dentures: A randomized, controlled, clinical trial. Photodiagnosis and Photodynamic Therapy, 2021, 33, 102128.	1.3	10
46	Serum and salivary cytokines in patients with oral lichen planus treated with Photobiomodulation. Oral Diseases, 2023, 29, 1250-1258.	1.5	10
47	Effects of periodontal treatment on exacerbation frequency and lung function in patients with chronic periodontitis: study protocol of a 1-year randomized controlled trial. BMC Pulmonary Medicine, 2017, 17, 23.	0.8	9
48	Photodynamic therapy with Bixa orellana extract and LED for the reduction of halitosis: study protocol for a randomized, microbiological and clinical trial. Trials, 2018, 19, 590.	0.7	9
49	Effect of photobiomodulation treatment in the sublingual, radial artery region, and along the spinal column in individuals with multiple sclerosis. Medicine (United States), 2018, 97, e0627.	0.4	9
50	Comparative evaluation of anesthetic efficacy of 1.8 mL and 3.6 mL of articaine in irreversible pulpitis of the mandibular molar: A randomized clinical trial. PLoS ONE, 2019, 14, e0219536.	1.1	9
51	The impact of periodontitis in the course of chronic obstructive pulmonary disease: Pulmonary and systemic effects. Life Sciences, 2020, 261, 118257.	2.0	9
52	Antimicrobial Photodynamic Therapy as a Coadjuvant in Endodontic Treatment of Deciduous Teeth: Case Series. Photochemistry and Photobiology, 2018, 94, 760-764.	1.3	8
53	Influence of Nd:YAG laser on the penetration of a bioceramic root canal sealer into dentinal tubules: A confocal analysis. PLoS ONE, 2018, 13, e0202295.	1.1	8
54	Efficacy of phototherapy to treat facial ageing when using a red versus an amber LED: a protocol for a randomised controlled trial. BMJ Open, 2018, 8, e021419.	0.8	8

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55	Action of antimicrobial photodynamic therapy with red leds in microorganisms related to halitose. <i>Medicine (United States)</i> , 2019, 98, e13939.	0.4	8
56	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.	1.3	8
57	Oral hygiene associated with antimicrobial photodynamic therapy or lingual scraper in the reduction of halitosis after 90 days follow up: A randomized, controlled, single-blinded trial. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 33, 102057.	1.3	8
58	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.	1.0	8
59	Photomodulation in the treatment of chronic pain in patients with temporomandibular disorder: protocol for cost-effectiveness analysis. <i>BMJ Open</i> , 2018, 8, e018326.	0.8	8
60	Evaluation of photobiomodulation effects on pain, edema, paresthesia, and bone regeneration after surgically assisted rapid maxillary expansion. <i>Medicine (United States)</i> , 2019, 98, e17756.	0.4	7
61	Microhardness of bovine enamel after different fluoride application protocols. <i>Dental Materials Journal</i> , 2019, 38, 61-67.	0.8	7
62	Clinical evaluation of in-office tooth whitening with violet LED (405Ånm): A double-blind randomized controlled clinical trial. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 35, 102385.	1.3	7
63	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.	1.3	7
64	Inflammatory markers in gingival crevicular fluid of periodontitis patients with type 2 diabetes mellitus according to glycemic control: A pilot study. <i>Dental Research Journal</i> , 2015, 12, 449.	0.2	7
65	Effects of photobiomodulation in experimental spinal cord injury models: A systematic review. <i>Journal of Biophotonics</i> , 2022, 15, e202200059.	1.1	7
66	Postoperative pain after bupivacaine supplementation in mandibular third molar surgery: splint-mouth randomized double blind controlled clinical trial. <i>Oral and Maxillofacial Surgery</i> , 2014, 18, 387-391.	0.6	6
67	Dental Extrusion with Orthodontic Miniscrew Anchorage: A Case Report Describing a Modified Method. <i>Case Reports in Dentistry</i> , 2015, 2015, 1-6.	0.2	6
68	Evaluation of halitosis in adult patients after treatment with photodynamic therapy associated with periodontal treatment. <i>Medicine (United States)</i> , 2019, 98, e16976.	0.4	6
69	Effect of Photodynamic Therapy on Halitosis: A Systematic Review of Randomized Controlled Trials. <i>Sensors</i> , 2022, 22, 469.	2.1	6
70	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.	0.9	5
71	Evaluation of photodynamic therapy in pericoronitis. <i>Medicine (United States)</i> , 2019, 98, e15312.	0.4	5
72	Antimicrobial photodynamic therapy on teeth with molar incisor hypomineralization" controlled clinical trial. <i>Medicine (United States)</i> , 2019, 98, e17355.	0.4	5

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73	The control of pain due to dentin hypersensitivity in individuals with molar- <i>incisor hypomineralisation</i> : a protocol for a randomised controlled clinical trial. <i>BMJ Open</i> , 2021, 11, e044653.	0.8	5
74	Evaluation of the use of photobiomodulation following the placement of elastomeric separators. <i>Medicine (United States)</i> , 2019, 98, e17325.	0.4	4
75	The role of periodontal treatment associated with photodynamic therapy on the modulation of systemic inflammation in the experimental model of asthma and periodontitis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101619.	1.3	4
76	Effect of the combination of photobiomodulation therapy and the intralesional administration of corticoid in the preoperative and postoperative periods of keloid surgery: A randomized, controlled, double-blind trial protocol study. <i>PLoS ONE</i> , 2022, 17, e0263453.	1.1	4
77	Evaluation of the treatment of halitosis with photodynamic therapy in older patients with complete denture. <i>Medicine (United States)</i> , 2019, 98, e16275.	0.4	3
78	Evaluation of Different Dentifrice Compositions for Increasing the Hardness of Demineralized Enamel: An in Vitro Study. <i>Dentistry Journal</i> , 2019, 7, 14.	0.9	3
79	&lt;p&gt;The Current Trend in Management of Bruxism and Chronic Pain: An Overview of Systematic Reviews&lt;/p&gt;. <i>Journal of Pain Research</i> , 2020, Volume 13, 2413-2421.	0.8	3
80	Prenatal programming of the immune response induced by maternal periodontitis: Effects on the development of acute lung injury in rat pups. <i>Life Sciences</i> , 2020, 260, 118309.	2.0	3
81	The impact of maternal periodontitis in the development of asthma in the offspring. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 293-299.	0.7	3
82	The Effect of Photobiomodulation on Analgesia During Childbirth: A Controlled and Randomized Clinical Trial. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2021, 39, 265-271.	0.7	3
83	Microleakage of "Bulk-Fill" Composite Resin for Class II Restorations Pretreated With CO2 Laser in Deciduous Molars: An In Vitro Study. <i>Journal of Lasers in Medical Sciences</i> , 2019, 10, 304-309.	0.4	3
84	Interventions for Early-Stage Pericoronitis: Systematic Review of Randomized Clinical Trials. <i>Antibiotics</i> , 2022, 11, 71.	1.5	3
85	Functional orthopedic treatment for anterior open bite in children. A systematic review of randomized clinical trials. <i>Journal of Orofacial Orthopedics</i> , 2022, , 1.	0.5	3
86	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.	1.1	2
87	Effect of photobiomodulation combined with physical therapy on functional performance in children with myelomeningocele: A protocol randomized clinical blind study. <i>PLoS ONE</i> , 2021, 16, e0253963.	1.1	2
88	Late hyaluronidase injection in local anesthesia: Morphofunctional evaluation in rat sciatic nerve block. <i>Indian Journal of Dental Research</i> , 2019, 30, 692.	0.1	2
89	Photobiomodulation for the Treatment of Primary Headache: Systematic Review of Randomized Clinical Trials. <i>Life</i> , 2022, 12, 98.	1.1	2
90	Comparison of the Effects of High-Power Diode Laser and Electrocautery for Lingual Frenectomy in Infants: A Blinded Randomized Controlled Clinical Trial. <i>Journal of Clinical Medicine</i> , 2022, 11, 3783.	1.0	2

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91	Non-surgical interventions for the treatment of masticatory muscular spasticity in patients with cerebral palsy. Systematic review of randomized clinical trials. <i>Journal of Bodywork and Movement Therapies</i> , 2022, 29, 68-73.	0.5	1
92	Evaluation of the efficacy of a commercially available regimen vs brushing alone on established plaque and gingivitis on adolescents. <i>Medicine (United States)</i> , 2020, 99, e23092.	0.4	1
93	Evaluation of the effects of high-level laser and electrocautery in lingual frenectomy surgeries in infants: protocol for a blinded randomised controlled clinical trial. <i>BMJ Open</i> , 2021, 11, e050733.	0.8	1
94	Phototherapy versus Occlusal Splint to control painful symptoms in Temporomandibular Disorder: controlled, randomized cost-effectiveness clinical trial. <i>Research, Society and Development</i> , 2020, 9, e66991110251.	0.0	1
95	A comparative pilot study on the effects of laser and light-emitting diode therapy on pain in individuals with temporomandibular disorder. <i>Research, Society and Development</i> , 2022, 11, e43111528463.	0.0	1
96	Effect of laser phototherapy on human alveolar bone repair: micro tomographic and histomorphometrical analysis. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
97	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.	0.3	0
98	Prospective radiographic evaluation of peri-implant bone maintenance on osseointegrated implants with frictional Morse taper connection and platform switching: Cases report. <i>Research, Society and Development</i> , 2021, 10, e23010212467.	0.0	0
99	Use of optical fluorescence for the diagnosis of dental biofilm in young permanent molars - A case series. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 34, 102216.	1.3	0
100	Analgesic effect of photobiomodulation after placement of elastomeric separators: randomized controlled clinical trial. <i>Research, Society and Development</i> , 2022, 11, e50911225979.	0.0	0
101	Third molar: position, caries, periodontal disease and quality of life. <i>Research, Society and Development</i> , 2022, 11, e14711427091.	0.0	0