

# Carla Roberta Tim

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

994  
citations

394390

19  
h-index

477281

29  
g-index

67  
all docs

67  
docs citations

67  
times ranked

1376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of partial injury of the calcaneus tendon with heterologous fibrin biopolymer and/or photobiomodulation in rats. <i>Lasers in Medical Science</i> , 2022, 37, 971-981.	2.1	7
2	Effects of photobiomodulation therapy in chondrocyte response by in vitro experiments and experimental model of osteoarthritis in the knee of rats. <i>Lasers in Medical Science</i> , 2022, 37, 1677-1686.	2.1	9
3	Influence of photobiomodulation therapy on the treatment of pulmonary inflammatory conditions and its impact on COVID-19. <i>Lasers in Medical Science</i> , 2022, 37, 1921-1929.	2.1	5
4	Potencial terapêutico da ozonioterapia como adjuvante na reabilitação da dor lombar crônica. <i>Research, Society and Development</i> , 2022, 11, e34811427372.	0.1	0
5	Ozonioterapia: terapia adjuvante no tratamento da osteoartrite de joelho. <i>Research, Society and Development</i> , 2022, 11, e38911427417.	0.1	0
6	Methylene blue-mediated photodynamic therapy in the treatment of oral microbiota. A Systematic Review. <i>Research, Society and Development</i> , 2022, 11, e53411629001.	0.1	2
7	Antimicrobial photodynamic therapy against <i>Propionibacterium acnes</i> biofilms using hypericin ( <i>Hypericum perforatum</i> ) photosensitizer: in vitro study. <i>Lasers in Medical Science</i> , 2021, 36, 1235-1240.	2.1	18
8	Effects of photobiomodulation associated with chitosan viscosupplementation for osteoarthritis: an in vitro and in vivo study. <i>Research on Biomedical Engineering</i> , 2021, 37, 65-77.	2.2	0
9	<i>Lycium barbarum</i> polysaccharide fraction associated with photobiomodulation protects from epithelium thickness and collagen fragmentation in a model of cutaneous photodamage. <i>Lasers in Medical Science</i> , 2021, 36, 863-870.	2.1	11
10	Potencial da terapia por fotobiomodulação no tratamento da atrofia do músculo esquelético. <i>Research, Society and Development</i> , 2021, 10, e931018527.	0.1	1
11	Terapia por fotobiomodulação: mecanismo de ação e importância clínica no tratamento da osteoartrite de joelho. <i>Research, Society and Development</i> , 2021, 10, e59410112072.	0.1	0
12	Engineering multifunctional bactericidal nanofibers for abdominal hernia repair. <i>Communications Biology</i> , 2021, 4, 233.	4.4	19
13	Análise epidemiológica e espacial da COVID-19 no Estado do Piauí. <i>Research, Society and Development</i> , 2021, 10, e55010515313.	0.1	1
14	Ozonioterapia como coadjuvante na irrigação do sistema de canais radiculares. <i>Research, Society and Development</i> , 2021, 10, e40210111855.	0.1	0
15	Fibrin biopolymer sealant and aquatic exercise association for calcaneal tendon repair. <i>Acta Cirurgica Brasileira</i> , 2021, 36, e360407.	0.7	2
16	Agulhamento seco no tratamento da dor miofascial associada a disfunção temporomandibular: uma revisão sistemática. <i>Research, Society and Development</i> , 2021, 10, e514101623773.	0.1	0
17	Efeitos do agulhamento seco profundo no tratamento da disfunção temporomandibular: estudo de casos. <i>Research, Society and Development</i> , 2021, 10, e452101623770.	0.1	0
18	Effects of red and near-infrared LED light therapy on full-thickness skin graft in rats. <i>Lasers in Medical Science</i> , 2020, 35, 157-164.	2.1	20

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19	Hybrid chitosan/amniotic membrane-based hydrogels for articular cartilage tissue engineering application. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, 69, 961-970.	3.4	14
20	Effects of photobiomodulation therapy in the integration of skin graft in rats. <i>Lasers in Medical Science</i> , 2020, 35, 939-947.	2.1	5
21	Effectiveness of Led Photobiomodulation Therapy on Treatment With Knee Osteoarthritis. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2020, 99, 725-732.	1.4	12
22	Polysaccharide-rich hydrogel formulation combined with photobiomodulation repairs UV-induced photodamage in mice skin. <i>Wound Repair and Regeneration</i> , 2020, 28, 645-655.	3.0	10
23	Comparison of Efficacy of Unna's boot and Ozone therapy on Chronic Venous Leg Ulcers: a series of case. <i>Research, Society and Development</i> , 2020, 9, e44996967.	0.1	0
24	Considerações sobre o uso da Ozonioterapia (O3) no tratamento de Endometriose. <i>Research, Society and Development</i> , 2020, 9, e403997616.	0.1	0
25	Implicações sobre o uso do ozônio (O3) no tratamento coadjuvante do COVID-19. <i>Research, Society and Development</i> , 2020, 9, e579997508.	0.1	2
26	Perspectiva terapéutica de la luz para el tratamiento del coronavirus. <i>Research, Society and Development</i> , 2020, 9, .	0.1	5
27	Uso do fotobiomodulação no tratamento de osteoartrite de joelhos:avaliação da marcha. <i>Research, Society and Development</i> , 2020, 9, e659108098.	0.1	2
28	Wound healing in diabetic: a review of photobiomodulation therapy applications. <i>Research, Society and Development</i> , 2020, 9, e259108310.	0.1	1
29	Fotobiomodulação como coadjuvante no tratamento na lesão pulmonar aguda decorrente da sepse. <i>Research, Society and Development</i> , 2020, 9, e5929109024.	0.1	1
30	Use of photobiomodulation in the treatment of acute tendon injury. <i>Research, Society and Development</i> , 2020, 9, e3989108744.	0.1	0
31	Benefícios do Fator de Crescimento Epidérmico (EGF) associado a terapia de fotobiomodulação a LED no reparo tecidual de feridas cutâneas. <i>Research, Society and Development</i> , 2020, 9, e9909109369.	0.1	1
32	Preemptive treatment with photobiomodulation therapy in skin flap viability. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 201, 111634.	3.8	11
33	In vitro and in vivo evaluation of rotary-jet-spun poly( $\epsilon$ -caprolactone) with high loading of nano-hydroxyapatite. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 19.	3.6	15
34	Comparison of two different laser photobiomodulation protocols on the viability of random skin flap in rats. <i>Lasers in Medical Science</i> , 2019, 34, 1041-1047.	2.1	14
35	Bioactive glass-ceramic bone repair associated or not with autogenous bone: a study of organic bone matrix organization in a rabbit critical-sized calvarial model. <i>Clinical Oral Investigations</i> , 2019, 23, 413-421.	3.0	8
36	A Comparison of Three Methods for the Analysis of Skin Flap Viability: Reliability and Validity. <i>Advances in Wound Care</i> , 2018, 7, 157-164.	5.1	4

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37	Chondroitin sulfate and glucosamine sulfate associated to photobiomodulation prevents degenerative morphological changes in an experimental model of osteoarthritis in rats. <i>Lasers in Medical Science</i> , 2018, 33, 549-557.	2.1	19
38	Scaffolds of bioactive glass-ceramic (Biosilicate <sup>Â</sup> ) and bone healing: A biological evaluation in an experimental model of tibial bone defect in rats. <i>Bio-Medical Materials and Engineering</i> , 2018, 29, 665-683.	0.6	3
39	Understanding the impact of crosslinked PCL/PEG/GelMA electrospun nanofibers on bactericidal activity. <i>PLoS ONE</i> , 2018, 13, e0209386.	2.5	26
40	Interleukin-10 and collagen type II immunexpression are modulated by photobiomodulation associated to aerobic and aquatic exercises in an experimental model of osteoarthritis. <i>Lasers in Medical Science</i> , 2018, 33, 1875-1882.	2.1	25
41	Mitochondrial dynamics (fission and fusion) and collagen production in a rat model of diabetic wound healing treated by photobiomodulation: comparison of 904 <sup>Â</sup> nm laser and 850 <sup>Â</sup> nm light-emitting diode (LED). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 187, 41-47.	3.8	41
42	Effectiveness of photobiomodulation therapy and aerobic exercise training on articular cartilage in an experimental model of osteoarthritis in rats. , 2018, , .		2
43	Effect of two laser photobiomodulation application protocols on the viability of random skin flap in rats. , 2018, , .		2
44	Porous poly ( D,L -lactide-co-glycolide) acid/biosilicate <sup>Â</sup> composite scaffolds for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 63-71.	3.4	14
45	Characterization and biocompatibility of a fibrous glassy scaffold. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1141-1151.	2.7	23
46	Comparative effects of two different doses of low-level laser therapy on wound healing third-degree burns in rats. <i>Microscopy Research and Technique</i> , 2016, 79, 313-320.	2.2	38
47	Effectiveness of an aquatic exercise program and low-level laser therapy on articular cartilage in an experimental model of osteoarthritis in rats. <i>Connective Tissue Research</i> , 2016, 57, 398-407.	2.3	28
48	Low-level laser therapy induces an upregulation of collagen gene expression during the initial process of bone healing: a microarray analysis. <i>Journal of Biomedical Optics</i> , 2016, 21, 088001.	2.6	14
49	Effects of low level laser therapy on inflammatory and angiogenic gene expression during the process of bone healing: A microarray analysis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 154, 8-15.	3.8	50
50	Aerobic exercise training and low-level laser therapy modulate inflammatory response and degenerative process in an experimental model of knee osteoarthritis in rats. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 169-177.	1.3	83
51	Porous bioactive scaffolds: characterization and biological performance in a model of tibial bone defect in rats. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 74.	3.6	12
52	Effect of a new bioactive fibrous glassy scaffold on bone repair. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 177.	3.6	31
53	Bone regeneration and gene expression in bone defects under healthy and osteoporotic bone conditions using two commercially available bone graft substitutes. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 035003.	3.3	17
54	Effects of low-level laser therapy on the expression of osteogenic genes during the initial stages of bone healing in rats: a microarray analysis. <i>Lasers in Medical Science</i> , 2015, 30, 2325-2333.	2.1	34

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55	Effects of low-level laser therapy on cartilage repair in an experimental model of osteoarthritis. <i>Photonics &amp; Lasers in Medicine</i> , 2014, 3, .	0.2	2
56	Evaluation of the bone healing process in an experimental tibial bone defect model in ovariectomized rats. <i>Aging Clinical and Experimental Research</i> , 2014, 26, 473-481.	2.9	16
57	Low-level laser therapy prevents degenerative morphological changes in an experimental model of anterior cruciate ligament transection in rats. <i>Lasers in Medical Science</i> , 2014, 29, 1669-1678.	2.1	25
58	Low-level laser therapy enhances the expression of osteogenic factors during bone repair in rats. <i>Lasers in Medical Science</i> , 2014, 29, 147-156.	2.1	64
59	Effects of Biosilicate <sup>®</sup> Scaffolds and Low-Level Laser Therapy on the Process of Bone Healing. <i>Photomedicine and Laser Surgery</i> , 2013, 31, 252-260.	2.0	34
60	Effects of low-level laser therapy on the expression of osteogenic genes related in the initial stages of bone defects in rats. <i>Journal of Biomedical Optics</i> , 2013, 18, 038002.	2.6	36
61	Effects of phototherapy on cartilage structure and inflammatory markers in an experimental model of osteoarthritis. <i>Journal of Biomedical Optics</i> , 2013, 18, 128004.	2.6	19
62	Effects of low-level laser therapy after nerve reconstruction in rat denervated soleus muscle adaptation. <i>Brazilian Journal of Physical Therapy</i> , 2012, 16, 320-327.	2.5	13
63	Ultrasound therapy modulates osteocalcin expression during bone repair in rats. <i>Ultrasonics</i> , 2012, 52, 111-116.	3.9	6
64	Low-Level Laser Therapy Induces Differential Expression of Osteogenic Genes During Bone Repair in Rats. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 311-317.	2.0	68
65	Low-Intensity Pulsed Ultrasound Produced an Increase of Osteogenic Genes Expression During the Process of Bone Healing in Rats. <i>Ultrasound in Medicine and Biology</i> , 2010, 36, 2057-2064.	1.5	25
66	Comparison of the Effects of Electrical Field Stimulation and Low-Level Laser Therapy on Bone Loss in Spinal Cord Injured Rats. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 669-674.	2.0	23
67	Verification of the Effects of Red Light-emitting Diode Therapy on Acute Lung Injury in a Sepsis Model in Rats. <i>Brazilian Archives of Biology and Technology</i> , 0, 63, .	0.5	1