Rodrigo Leal de Paiva Carvalho

List of Publications by Year
in descending order

22 papers	460 citations	759233 12 h-index	794594 19 g-index
22 all docs	22 docs citations	22 times ranked	583 citing authors

#	Article	IF	Citations
1	Effect of systemic photobiomodulation in the course of acute lung injury in rats. Lasers in Medical Science, 2021, 36, 965-973.	2.1	16
2	Effect of photobiomodulation therapy on the proliferation phase and wound healing in rats fed with an experimental hypoproteic diet. Lasers in Medical Science, 2021, 36, 1427-1435.	2.1	4
3	Photobiomodulation therapy enhances topical diclofenac absorption in healthy volunteers â€“ a randomized placebo-controlled trial: preliminary results. Research, Society and Development, 2021, 10, e265101220448.	0.1	0
4	Effect of 12 Weeks of Endurance Training Combined with Creatine Supplement, Photobiomodulation Therapy, or Both on Performance and Muscle Damage in Rats. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 708-712.	1.4	1
5	Can photobiomodulation therapy (PBMT) control blood glucose levels and alter muscle glycogen synthesis?. Journal of Photochemistry and Photobiology B: Biology, 2020, 207, 111877.	3.8	12
6	PBMT and topical diclofenac as single and combined treatment on skeletal muscle injury in diabetic rats: effects on biochemical and functional aspects. Lasers in Medical Science, 2019, 34, 255-262.	2.1	8
7	Pharmacokinetic and Pharmacodynamics of Sodium Diclofenac (Topical and IM) Associated with Laser Photobiomodulation on Skeletal Muscle Strain in Rats. International Journal of Photoenergy, 2019, 2019, 1-12.	2.5	3
8	Photobiomodulation therapy protects skeletal muscle and improves muscular function of mdx mice in a dose-dependent manner through modulation of dystrophin. Lasers in Medical Science, 2018, 33, 755-764.	2.1	14
9	Characterization of Skeletal Muscle Strain Lesion Induced by Stretching in Rats: Effects of Laser Photobiomodulation. Photomedicine and Laser Surgery, 2018, 36, 460-467.	2.0	11
10	Photobiomodulation therapy (PBMT) on acute pain and inflammation in patients who underwent total hip arthroplastyâ€"a randomized, triple-blind, placebo-controlled clinical trial. Lasers in Medical Science, 2018, 33, 1933-1940.	2.1	59
11	Effects of low-level laser therapy on the modulation of tissue temperature and hyperalgesia following a partial Achilles tendon injury in rats. Journal of Cosmetic and Laser Therapy, 2017, 19, 391-396.	0.9	5
12	Effects of photobiomodulation therapy and topical non-steroidal anti-inflammatory drug on skeletal muscle injury induced by contusion in ratsâ€"part 1: morphological and functional aspects. Lasers in Medical Science, 2017, 32, 2111-2120.	2.1	23
13	Effects of photobiomodulation therapy and topical non-steroidal anti-inflammatory drug on skeletal muscle injury induced by contusion in ratsâ€"part 2: biochemical aspects. Lasers in Medical Science, 2017, 32, 1879-1887.	2.1	24
14	Effectiveness of aquatic exercise on reduction B-type natriuretic peptide values in postmenopausal hypertensive women: a randomized clinical trial. Sport Sciences for Health, 2016, 12, 255-260.	1.3	0
15	The use of a high-power laser on swine mitral valve chordae tendineae. Lasers in Medical Science, 2016, 31, 1075-1081.	2.1	0
16	Effects of low-level laser therapy on performance, inflammatory markers, and muscle damage in young water polo athletes: a double-blind, randomized, placebo-controlled study. Lasers in Medical Science, 2016, 31, 511-521.	2.1	40
17	Biomechanical and biochemical protective effect of low-level laser therapy for Achilles tendinitis. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 29, 272-285.	3.1	31
18	Effects of pre-irradiation of low-level laser therapy with different doses and wavelengths in skeletal muscle performance, fatigue, and skeletal muscle damage induced by tetanic contractions in rats. Lasers in Medical Science, 2014, 29, 1617-1626.	2.1	53

#	Article	IF	Citations
19	Effects of Lowâ€Level Laser Therapy (<scp>LLLT</scp>) and Diclofenac (Topical and Intramuscular) as Single and Combined Therapy in Experimental Model of Controlled Muscle Strain in Rats. Photochemistry and Photobiology, 2013, 89, 508-512.	2.5	18
20	Lowâ€level laser therapy in collagenaseâ€induced Achilles tendinitis in rats: Analyses of biochemical and biomechanical aspects. Journal of Orthopaedic Research, 2012, 30, 1945-1951.	2.3	63
21	Infrared (810â€ƒnm) Lowâ€Level Laser Therapy in Experimental Model of Strainâ€Induced Skeletal Muscle Injury in Rats: Effects on Functional Outcomes. Photochemistry and Photobiology, 2012, 88, 154-160.	2.5	29
22	Infrared (810â€ƒnm) Lowâ€level Laser Therapy in Rat Achilles Tendinitis: A Consistent Alternative to Drugs. Photochemistry and Photobiology, 2011, 87, 1447-1452.	2.5	46