

Rodrigo Leal de Paiva Carvalho

List of Publications by Year in descending order

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Version: 2024-02-01

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	Low-level laser therapy in collagenase-induced Achilles tendinitis in rats: Analyses of biochemical and biomechanical aspects. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1945-1951.	2.3	63
2	Photobiomodulation therapy (PBMT) on acute pain and inflammation in patients who underwent total hip arthroplasty—a randomized, triple-blind, placebo-controlled clinical trial. <i>Lasers in Medical Science</i> , 2018, 33, 1933-1940.	2.1	59
3	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. <i>Lasers in Medical Science</i> , 2014, 29, 1617-1626.	2.1	53
4	Infrared (810nm) Low-level Laser Therapy in Rat Achilles Tendinitis: A Consistent Alternative to Drugs. <i>Photochemistry and Photobiology</i> , 2011, 87, 1447-1452.	2.5	46
5	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. <i>Lasers in Medical Science</i> , 2016, 31, 511-521.	2.1	40
6	Biomechanical and biochemical protective effect of low-level laser therapy for Achilles tendinitis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 29, 272-285.	3.1	31
7	Infrared (810nm) Low-level Laser Therapy in Experimental Model of Strain-induced Skeletal Muscle Injury in Rats: Effects on Functional Outcomes. <i>Photochemistry and Photobiology</i> , 2012, 88, 154-160.	2.5	29
8	Effects of photobiomodulation therapy and topical non-steroidal anti-inflammatory drug on skeletal muscle injury induced by contusion in rats—part 2: biochemical aspects. <i>Lasers in Medical Science</i> , 2017, 32, 1879-1887.	2.1	24
9	Effects of photobiomodulation therapy and topical non-steroidal anti-inflammatory drug on skeletal muscle injury induced by contusion in rats—part 1: morphological and functional aspects. <i>Lasers in Medical Science</i> , 2017, 32, 2111-2120.	2.1	23
10	Effects of Low-level Laser Therapy (LLL) and Diclofenac (Topical and Intramuscular) as Single and Combined Therapy in Experimental Model of Controlled Muscle Strain in Rats. <i>Photochemistry and Photobiology</i> , 2013, 89, 508-512.	2.5	18
11	Effect of systemic photobiomodulation in the course of acute lung injury in rats. <i>Lasers in Medical Science</i> , 2021, 36, 965-973.	2.1	16
12	Photobiomodulation therapy protects skeletal muscle and improves muscular function of mdx mice in a dose-dependent manner through modulation of dystrophin. <i>Lasers in Medical Science</i> , 2018, 33, 755-764.	2.1	14
13	Can photobiomodulation therapy (PBMT) control blood glucose levels and alter muscle glycogen synthesis?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 207, 111877.	3.8	12
14	Characterization of Skeletal Muscle Strain Lesion Induced by Stretching in Rats: Effects of Laser Photobiomodulation. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 460-467.	2.0	11
15	PBMT and topical diclofenac as single and combined treatment on skeletal muscle injury in diabetic rats: effects on biochemical and functional aspects. <i>Lasers in Medical Science</i> , 2019, 34, 255-262.	2.1	8
16	Effects of low-level laser therapy on the modulation of tissue temperature and hyperalgesia following a partial Achilles tendon injury in rats. <i>Journal of Cosmetic and Laser Therapy</i> , 2017, 19, 391-396.	0.9	5
17	Effect of photobiomodulation therapy on the proliferation phase and wound healing in rats fed with an experimental hypoproteic diet. <i>Lasers in Medical Science</i> , 2021, 36, 1427-1435.	2.1	4
18	Pharmacokinetic and Pharmacodynamics of Sodium Diclofenac (Topical and IM) Associated with Laser Photobiomodulation on Skeletal Muscle Strain in Rats. <i>International Journal of Photoenergy</i> , 2019, 2019, 1-12.	2.5	3

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19	Effect of 12 Weeks of Endurance Training Combined with Creatine Supplement, Photobiomodulation Therapy, or Both on Performance and Muscle Damage in Rats. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2020, 38, 708-712.	1.4	1
20	Effectiveness of aquatic exercise on reduction B-type natriuretic peptide values in postmenopausal hypertensive women: a randomized clinical trial. <i>Sport Sciences for Health</i> , 2016, 12, 255-260.	1.3	0
21	The use of a high-power laser on swine mitral valve chordae tendineae. <i>Lasers in Medical Science</i> , 2016, 31, 1075-1081.	2.1	0
22	Photobiomodulation therapy enhances topical diclofenac absorption in healthy volunteers – a randomized placebo-controlled trial: preliminary results. <i>Research, Society and Development</i> , 2021, 10, e265101220448.	0.1	0