Paulo De Tarso Camillo De Carvalho

List of Publications by Year
in descending order

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58 papers	2,131 citations	159585 30 h-index	233421 45 g-index
58 all docs	58 docs citations	58 times ranked	1686 citing authors

#	Article	IF	Citations
1	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
2	Acute effects of photobiomodulation therapy and magnetic field on functional mobility in stroke survivors: a randomized, sham-controlled, triple-blind, crossover, clinical trial. Lasers in Medical Science, 2020, 35, 1253-1262.	2.1	11
3	Can photobiomodulation therapy be an alternative to pharmacological therapies in decreasing the progression of skeletal muscle impairments of mdx mice?. PLoS ONE, 2020, 15, e0236689.	2.5	5
4	Does photobiomodulation therapy combined to static magnetic field (PBMT-sMF) promote ergogenic effects even when the exercised muscle group is not irradiated? A randomized, triple-blind, placebo-controlled trial. BMC Sports Science, Medicine and Rehabilitation, 2020, 12, 49.	1.7	4
5	Low-level laser therapy prevents muscle apoptosis induced by a high-intensity resistance exercise in a dose-dependent manner. Lasers in Medical Science, 2020, 35, 1867-1870.	2.1	2
6	Does the combination of photobiomodulation therapy (PBMT) and static magnetic fields (sMF) potentiate the effects of aerobic endurance training and decrease the loss of performance during detraining? A randomised, triple-blinded,Âplacebo-controlled trial. BMC Sports Science, Medicine and Rehabilitation, 2020, 12, 23.	1.7	12
7	Effects of photobiomodulation therapy in aerobic endurance training and detraining in humans. Medicine (United States), 2019, 98, e15317.	1.0	6
8	Parameters and Effects of Photobiomodulation in Plantar Fasciitis: A Meta-Analysis and Systematic Review. Photobiomodulation, Photomedicine, and Laser Surgery, 2019, 37, 327-335.	1.4	9
9	Effects of photobiomodulation therapy combined to static magnetic field in strength training and detraining in humans: protocol for a randomised placebo-controlled trial. BMJ Open, 2019, 9, e030194.	1.9	1
10	Infrared Low-Level Laser Therapy (Photobiomodulation Therapy) before Intense Progressive Running Test of High-Level Soccer Players: Effects on Functional, Muscle Damage, Inflammatory, and Oxidative Stress Markersâ€"A Randomized Controlled Trial. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-12.	4.0	41
11	Acute effects of photobiomodulation therapy (PBMT) combining laser diodes, light-emitting diodes, and magnetic field in exercise capacity assessed by 6MST in patients with COPD: a crossover, randomized, and triple-blinded clinical trial. Lasers in Medical Science, 2019, 34, 711-719.	2.1	9
12	Can photobiomodulation associated with implantation of mesenchymal adipose-derived stem cells attenuate the expression of MMPs and decrease degradation of type II collagen in an experimental model of osteoarthritis?. Lasers in Medical Science, 2018, 33, 1073-1084.	2.1	28
13	Protective effects of photobiomodulation against resistance exercise-induced muscle damage and inflammation in rats. Journal of Sports Sciences, 2018, 36, 2349-2357.	2.0	30
14	When is the best moment to apply photobiomodulation therapy (PBMT) when associated to a treadmill endurance-training program? A randomized, triple-blinded, placebo-controlled clinical trial. Lasers in Medical Science, 2018, 33, 719-727.	2.1	35
15	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
16	Effect of photobiomodulation therapy on oxidative stress markers of gastrocnemius muscle of diabetic rats subjected to high-intensity exercise. Lasers in Medical Science, 2018, 33, 1781-1790.	2.1	9
17	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
18	Photobiomodulation therapy associated with treadmill training in the oxidative stress in a collagen-induced arthritis model. Lasers in Medical Science, 2017, 32, 1071-1079.	2.1	15

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19	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
20	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
21	Pre-Exercise Infrared Photobiomodulation Therapy (810â€‰nm) in Skeletal Muscle Performance and Postexercise Recovery in Humans: What Is the Optimal Power Output?. Photomedicine and Laser Surgery, 2017, 35, 595-603.	2.0	39
22	Photobiomodulation therapy action in wound repair skin induced in aged rats old: time course of biomarkers inflammatory and repair. Lasers in Medical Science, 2017, 32, 1769-1782.	2.1	16
23	Photobiomodulation therapy in the modulation of inflammatory mediators and bradykinin receptors in an experimental model of acute osteoarthritis. Lasers in Medical Science, 2017, 32, 87-94.	2.1	17
24	Effects of Photobiomodulation Therapy on Oxidative Stress in Muscle Injury Animal Models: A Systematic Review. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-8.	4.0	32
25	What is the best moment to apply phototherapy when associated to a strength training program? A randomized, double-blinded, placebo-controlled trial. Lasers in Medical Science, 2016, 31, 1555-1564.	2.1	56
26	Pre-Exercise Infrared Low-Level Laser Therapy (810â€‰nm) in Skeletal Muscle Performance and Postexercise Recovery in Humans, What Is the Optimal Dose? A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. Photomedicine and Laser Surgery, 2016, 34, 473-482.	2.0	68
27	Photobiomodulation therapy (PBMT) and/or cryotherapy in skeletal muscle restitution, what is better? A randomized, double-blinded, placebo-controlled clinical trial. Lasers in Medical Science, 2016, 31, 1925-1933.	2.1	54
28	Photobiomodulation therapy on collagen type I and III, vascular endothelial growth factor, and metalloproteinase in experimentally induced tendinopathy in aged rats. Lasers in Medical Science, 2016, 31, 1915-1923.	2.1	17
29	The effect of low-level laser therapy on oxidative stress and functional fitness in aged rats subjected to swimming: an aerobic exercise. Lasers in Medical Science, 2016, 31, 833-840.	2.1	29
30	The thermal impact of phototherapy with concurrent super-pulsed lasers and red and infrared LEDs on human skin. Lasers in Medical Science, 2015, 30, 1575-1581.	2.1	41
31	Effect of pre-irradiation with different doses, wavelengths, and application intervals of low-level laser therapy on cytochrome c oxidase activity in intact skeletal muscle of rats. Lasers in Medical Science, 2015, 30, 59-66.	2.1	101
32	The action of pre-exerciseÂlow-level laser therapy (LLLT) on the expression of IL-6 and TNF-Î± proteins and on the functional fitness of elderly rats subjected to aerobic training. Lasers in Medical Science, 2015, 30, 1127-1134.	2.1	34
33	Pre-exercise low-level laser therapy improves performance and levels of oxidative stress markers in mdx mice subjected to muscle fatigue by high-intensity exercise. Lasers in Medical Science, 2015, 30, 1719-1727.	2.1	24
34	Phototherapy with combination of super-pulsed laser and light-emitting diodes is beneficial in improvement of muscular performance (strength and muscular endurance), dyspnea, and fatigue sensation in patients with chronic obstructive pulmonary disease. Lasers in Medical Science, 2015, 30, 437-443.	2.1	32
35	Effect of phototherapy (low-level laser therapy and light-emitting diode therapy) on exercise performance and markers of exercise recovery: a systematic review with meta-analysis. Lasers in Medical Science, 2015, 30, 925-939.	2.1	188
36	The Effect of Low-Level Laser Irradiation on Sperm Motility, and Integrity of the Plasma Membrane and Acrosome in Cryopreserved Bovine Sperm. PLoS ONE, 2015, 10, e0121487.	2.5	38

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37	Superpulsed Low-Level Laser Therapy Protects Skeletal Muscle of mdx Mice against Damage, Inflammation and Morphological Changes Delaying Dystrophy Progression. PLoS ONE, 2014, 9, e89453.	2.5	33
38	Effect of low-level laser therapy on metalloproteinase MMP-2 and MMP-9 production and percentage of collagen types I and III in a papain cartilage injury model. Lasers in Medical Science, 2014, 29, 911-919.	2.1	44
39	What is the best treatment to decrease pro-inflammatory cytokine release in acute skeletal muscle injury induced by trauma in rats: low-level laser therapy, diclofenac, or cryotherapy?. Lasers in Medical Science, 2014, 29, 653-658.	2.1	46
40	Effects of Pre- or Post-Exercise Low-Level Laser Therapy (830â€‰nm) on Skeletal Muscle Fatigue and Biochemical Markers of Recovery in Humans: Double-Blind Placebo-Controlled Trial. Photomedicine and Laser Surgery, 2014, 32, 106-112.	2.0	62
41	Comparative analysis of low-level laser therapy (660Ânm) on inflammatory biomarker expression during the skin wound-repair process in young and aged rats. Lasers in Medical Science, 2014, 29, 1723-1733.	2.1	18
42	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
43	Phototherapy in skeletal muscle performance and recovery after exercise: effect of combination of super-pulsed laser and light-emitting diodes. Lasers in Medical Science, 2014, 29, 1967-1976.	2.1	93
44	Efficacy of pre-exercise low-level laser therapy on isokinetic muscle performance in individuals with type 2 diabetes mellitus: study protocol for a randomized controlled trial. Trials, 2014, 15, 116.	1.6	4
45	What is the ideal dose and power output of low-level laser therapy (810 nm) on muscle performance and post-exercise recovery? Study protocol for a double-blind, randomized, placebo-controlled trial. Trials, 2014, 15, 69.	1.6	8
46	Low-level laser therapy in different stages of rheumatoid arthritis: a histological study. Lasers in Medical Science, 2013, 28, 529-536.	2.1	53
47	Comparative analysis of two low-level laser doses on the expression of inflammatory mediators and on neutrophils and macrophages in acute joint inflammation. Lasers in Medical Science, 2013, 29, 1051-8.	2.1	42
48	Wound-healing effects of low-level laser therapy in diabetic rats involve the modulation of MMP-2 and MMP-9 and the redistribution of collagen types I and III. Journal of Cosmetic and Laser Therapy, 2013, 15, 210-216.	0.9	59
49	Low-level laser therapy in experimental model of collagenase-induced tendinitis in rats: effects in acute and chronic inflammatory phases. Lasers in Medical Science, 2013, 28, 989-995.	2.1	63
50	Lowâ€Level Laser Therapy and Sodium Diclofenac in Acute Inflammatory Response Induced by Skeletal Muscle Trauma: Effects in Muscle Morphology and m<scp>RNA</scp> Gene Expression of Inflammatory Markers. Photochemistry and Photobiology, 2013, 89, 501-507.	2.5	42
51	Effect of low-level laser therapy on pain, quality of life and sleep in patients with fibromyalgia: study protocol for a double-blinded randomized controlled trial. Trials, 2012, 13, 221.	1.6	16
52	Effects of Lowâ€level Laser Therapy at Wavelengths of 660 and 808â€ƒnm in Experimental Model of Osteoarthritis. Photochemistry and Photobiology, 2012, 88, 161-166.	2.5	53
53	Effect of Lowâ€Level Laser Therapy (660â€ƒnm) on Acute Inflammation Induced by Tenotomy of Achilles Tendon in Rats. Photochemistry and Photobiology, 2012, 88, 1546-1550.	2.5	52
54	Lowâ€level Laser Therapy Improves Skeletal Muscle Performance, Decreases Skeletal Muscle Damage and Modulates mRNA Expression of COXâ€1 and COXâ€2 in a Doseâ€dependent Manner. Photochemistry and Photobiology, 2011, 87, 1159-1163.	2.5	64

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55	Low-level laser therapy attenuates creatine kinase levels and apoptosis during forced swimming in rats. Lasers in Medical Science, 2010, 25, 115-120.	2.1	61
56	Influence of ingaalp laser (660nm) on the healing of skin wounds in diabetic rats. Acta Cirurgica Brasileira, 2010, 25, 71-79.	0.7	49
57	Morphometric and histological analysis of low-power laser influence on bone morphogenetic protein in bone defects repair. Lasers in Medical Science, 2009, 24, 689-695.	2.1	14
58	Analysis of the influence of low-power HeNe laser on the healing of skin wounds in diabetic and non-diabetic rats. Acta Cirurgica Brasileira, 2006, 21, 177-183.	0.7	75