

# Ernesto Cesar P Leal-Junior Pt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/666792/publications.pdf>

Version: 2024-02-01

136  
papers

5,278  
citations

61984

43  
h-index

98798

67  
g-index

139  
all docs

139  
docs citations

139  
times ranked

2802  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-level laser therapy (LLLT) in human progressive-intensity running: effects on exercise performance, skeletal muscle status, and oxidative stress. <i>Lasers in Medical Science</i> , 2012, 27, 231-236.	2.1	193
2	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. <i>Lasers in Medical Science</i> , 2015, 30, 925-939.	2.1	188
3	Effects of Low-Level Laser Therapy (LLLT) in the Development of Exercise-Induced Skeletal Muscle Fatigue and Changes in Biochemical Markers Related to Postexercise Recovery. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2010, 40, 524-532.	3.5	164
4	Low level laser therapy before eccentric exercise reduces muscle damage markers in humans. <i>European Journal of Applied Physiology</i> , 2010, 110, 789-796.	2.5	153
5	Effect of 655-nm Low-Level Laser Therapy on Exercise-Induced Skeletal Muscle Fatigue in Humans. <i>Photomedicine and Laser Surgery</i> , 2008, 26, 419-424.	2.0	152
6	Effect of 830Ånm low-level laser therapy in exercise-induced skeletal muscle fatigue in humans. <i>Lasers in Medical Science</i> , 2009, 24, 425-431.	2.1	141
7	Infrared (810-nm) low-level laser therapy on rat experimental knee inflammation. <i>Lasers in Medical Science</i> , 2012, 27, 71-78.	2.1	127
8	Effect of 830Ånm low-level laser therapy applied before high-intensity exercises on skeletal muscle recovery in athletes. <i>Lasers in Medical Science</i> , 2009, 24, 857-863.	2.1	125
9	Effect of low-level laser therapy on the expression of inflammatory mediators and on neutrophils and macrophages in acute joint inflammation. <i>Arthritis Research and Therapy</i> , 2013, 15, R116.	3.5	125
10	Effect of cluster multi-LED light emitting diode therapy (LEDT) on exercise-induced skeletal muscle fatigue and skeletal muscle recovery in humans. <i>Lasers in Surgery and Medicine</i> , 2009, 41, 572-577.	2.1	124
11	Photobiomodulation therapy for the improvement of muscular performance and reduction of muscular fatigue associated with exercise in healthy people: a systematic review and meta-analysis. <i>Lasers in Medical Science</i> , 2018, 33, 181-214.	2.1	122
12	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. <i>Lasers in Medical Science</i> , 2015, 30, 59-66.	2.1	101
13	Comparison Between Single-Diode Low-Level Laser Therapy (LLLT) and LED Multi-Diode (Cluster) Therapy (LEDT) Applications Before High-Intensity Exercise. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 617-623.	2.0	100
14	Effect of low-level laser therapy (GaAs 904Ånm) in skeletal muscle fatigue and biochemical markers of muscle damage in rats. <i>European Journal of Applied Physiology</i> , 2010, 108, 1083-1088.	2.5	99
15	Red (660 nm) and infrared (830 nm) low-level laser therapy in skeletal muscle fatigue in humans: what is better?. <i>Lasers in Medical Science</i> , 2012, 27, 453-458.	2.1	97
16	Phototherapy in skeletal muscle performance and recovery after exercise: effect of combination of super-pulsed laser and light-emitting diodes. <i>Lasers in Medical Science</i> , 2014, 29, 1967-1976.	2.1	93
17	Effect of Light-Emitting Diodes Therapy (LEDT) on Knee Extensor Muscle Fatigue. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 653-658.	2.0	88
18	Comparison between cold water immersion therapy (CWIT) and light emitting diode therapy (LEDT) in short-term skeletal muscle recovery after high-intensity exercise in athletesâ preliminary results. <i>Lasers in Medical Science</i> , 2011, 26, 493-501.	2.1	85

#	ARTICLE	IF	CITATIONS
19	Pre-Exercise Infrared Low-Level Laser Therapy (810nm) in Skeletal Muscle Performance and Postexercise Recovery in Humans, What Is the Optimal Dose? A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 473-482.	2.0	68
20	Low level laser therapy reduces acute lung inflammation in a model of pulmonary and extrapulmonary LPS-induced ARDS. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 134, 57-63.	3.8	65
21	Low-Level Laser Therapy Improves Skeletal Muscle Performance, Decreases Skeletal Muscle Damage and Modulates mRNA Expression of COX1 and COX2 in a Dose-Dependent Manner. <i>Photochemistry and Photobiology</i> , 2011, 87, 1159-1163.	2.5	64
22	Photobiomodulation Therapy Improves Performance and Accelerates Recovery of High-Level Rugby Players in Field Test: A Randomized, Crossover, Double-Blind, Placebo-Controlled Clinical Study. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 3329-3338.	2.1	64
23	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
24	Low-level laser therapy in experimental model of collagenase-induced tendinitis in rats: effects in acute and chronic inflammatory phases. <i>Lasers in Medical Science</i> , 2013, 28, 989-995.	2.1	63
25	Effects of Pre- or Post-Exercise Low-Level Laser Therapy (830nm) on Skeletal Muscle Fatigue and Biochemical Markers of Recovery in Humans: Double-Blind Placebo-Controlled Trial. <i>Photomedicine and Laser Surgery</i> , 2014, 32, 106-112.	2.0	62
26	Clinical and scientific recommendations for the use of photobiomodulation therapy in exercise performance enhancement and post-exercise recovery: current evidence and future directions. <i>Brazilian Journal of Physical Therapy</i> , 2019, 23, 71-75.	2.5	61
27	Efeito de um programa de treinamento utilizando o mÃ©todo Pilates® na flexibilidade de atletas juvenis de futsal. <i>Revista Brasileira De Medicina Do Esporte</i> , 2007, 13, 222-226.	0.2	60
28	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. <i>Journal of Cosmetic and Laser Therapy</i> , 2013, 15, 210-216.	0.9	59
29	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
30	Using Pre-Exercise Photobiomodulation Therapy Combining Super-Pulsed Lasers and Light-Emitting Diodes to Improve Performance in Progressive Cardiopulmonary Exercise Tests. <i>Journal of Athletic Training</i> , 2016, 51, 129-135.	1.8	57
31	What is the best moment to apply phototherapy when associated to a strength training program? A randomized, double-blinded, placebo-controlled trial. <i>Lasers in Medical Science</i> , 2016, 31, 1555-1564.	2.1	56
32	Effects of photobiomodulation therapy, pharmacological therapy, and physical exercise as single and/or combined treatment on the inflammatory response induced by experimental osteoarthritis. <i>Lasers in Medical Science</i> , 2017, 32, 101-108.	2.1	55
33	Laser photobiomodulation in pressure ulcer healing of human diabetic patients: gene expression analysis of inflammatory biochemical markers. <i>Lasers in Medical Science</i> , 2018, 33, 165-171.	2.1	55
34	Photobiomodulation therapy (PBMT) and/or cryotherapy in skeletal muscle restitution, what is better? A randomized, double-blinded, placebo-controlled clinical trial. <i>Lasers in Medical Science</i> , 2016, 31, 1925-1933.	2.1	54
35	Effects of Low-Level Laser Therapy at Wavelengths of 660 and 808nm in Experimental Model of Osteoarthritis. <i>Photochemistry and Photobiology</i> , 2012, 88, 161-166.	2.5	53
36	Low-level laser therapy in different stages of rheumatoid arthritis: a histological study. <i>Lasers in Medical Science</i> , 2013, 28, 529-536.	2.1	53

#	ARTICLE	IF	CITATIONS
37	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
38	Effect of Low-Level Laser Therapy (660nm) on Acute Inflammation Induced by Tenotomy of Achilles Tendon in Rats. <i>Photochemistry and Photobiology</i> , 2012, 88, 1546-1550.	2.5	52
39	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
40	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?. <i>Lasers in Medical Science</i> , 2014, 29, 653-658.	2.1	46
41	Does photobiomodulation therapy is better than cryotherapy in muscle recovery after a high-intensity exercise? A randomized, double-blind, placebo-controlled clinical trial. <i>Lasers in Medical Science</i> , 2017, 32, 429-437.	2.1	46
42	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. <i>Lasers in Medical Science</i> , 2014, 29, 911-919.	2.1	44
43	Adjunctive use of combination of super-pulsed laser and light-emitting diodes phototherapy on nonspecific knee pain: double-blinded randomized placebo-controlled trial. <i>Lasers in Medical Science</i> , 2014, 29, 1839-1847.	2.1	44
44	Evaluation of the Proliferative Effects Induced by Low-Level Laser Therapy in Bone Marrow Stem Cell Culture. <i>Photomedicine and Laser Surgery</i> , 2015, 33, 610-616.	2.0	44
45	Comparative analysis of two low-level laser doses on the expression of inflammatory mediators and on neutrophils and macrophages in acute joint inflammation. <i>Lasers in Medical Science</i> , 2013, 29, 1051-8.	2.1	42
46	Low-Level Laser Therapy and Sodium Diclofenac in Acute Inflammatory Response Induced by Skeletal Muscle Trauma: Effects in Muscle Morphology and mRNA Gene Expression of Inflammatory Markers. <i>Photochemistry and Photobiology</i> , 2013, 89, 501-507.	2.5	42
47	Effect of low-level laser therapy on types I and III collagen and inflammatory cells in rats with induced third-degree burns. <i>Lasers in Medical Science</i> , 2014, 29, 313-319.	2.1	41
48	The thermal impact of phototherapy with concurrent super-pulsed lasers and red and infrared LEDs on human skin. <i>Lasers in Medical Science</i> , 2015, 30, 1575-1581.	2.1	41
49	Randomized, blinded, controlled trial on effectiveness of photobiomodulation therapy and exercise training in the fibromyalgia treatment. <i>Lasers in Medical Science</i> , 2018, 33, 343-351.	2.1	41
50	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 Markers—A Randomized Controlled Trial. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-12.	4.0	41
51	Pre-Exercise Infrared Photobiomodulation Therapy (810nm) in Skeletal Muscle Performance and Postexercise Recovery in Humans: What Is the Optimal Power Output?. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 595-603.	2.0	39
52	The Effect of Low-Level Laser Irradiation on Sperm Motility, and Integrity of the Plasma Membrane and Acrosome in Cryopreserved Bovine Sperm. <i>PLoS ONE</i> , 2015, 10, e0121487.	2.5	38
53	Photobiomodulation therapy before futsal matches improves the staying time of athletes in the court and accelerates post-exercise recovery. <i>Lasers in Medical Science</i> , 2019, 34, 139-148.	2.1	36
54	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. <i>Lasers in Medical Science</i> , 2018, 33, 719-727.	2.1	35

#	ARTICLE	IF	CITATIONS
55	The action of pre-exercise low-level laser therapy (LLLT) on the expression of IL-6 and TNF- $\alpha$ proteins and on the functional fitness of elderly rats subjected to aerobic training. <i>Lasers in Medical Science</i> , 2015, 30, 1127-1134.	2.1	34
56	Incorporation of photobiomodulation therapy into a therapeutic exercise program for knee osteoarthritis: A placebo-controlled, randomized, clinical trial. <i>Lasers in Surgery and Medicine</i> , 2018, 50, 819-828.	2.1	34
57	Superpulsed Low-Level Laser Therapy Protects Skeletal Muscle of mdx Mice against Damage, Inflammation and Morphological Changes Delaying Dystrophy Progression. <i>PLoS ONE</i> , 2014, 9, e89453.	2.5	33
58	Analysis of laser therapy and assessment methods in the rehabilitation of temporomandibular disorder: a systematic review of the literature. <i>Journal of Physical Therapy Science</i> , 2015, 27, 295-301.	0.6	32
59	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. <i>Lasers in Medical Science</i> , 2015, 30, 437-443.	2.1	32
60	Effects of Photobiomodulation Therapy on Oxidative Stress in Muscle Injury Animal Models: A Systematic Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-8.	4.0	32
61	Acute effects of light emitting diodes therapy (LEDT) in muscle function during isometric exercise in patients with chronic obstructive pulmonary disease: preliminary results of a randomized controlled trial. <i>Lasers in Medical Science</i> , 2014, 29, 359-365.	2.1	31
62	Protective effects of photobiomodulation against resistance exercise-induced muscle damage and inflammation in rats. <i>Journal of Sports Sciences</i> , 2018, 36, 2349-2357.	2.0	30
63	Infrared (810 nm) 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
64	The effect of low-level laser therapy on oxidative stress and functional fitness in aged rats subjected to swimming: an aerobic exercise. <i>Lasers in Medical Science</i> , 2016, 31, 833-840.	2.1	29
65	Immediate and short-term effects of phototherapy on pain, muscle activity, and joint mobility in women with temporomandibular disorder: a randomized, double-blind, placebo-controlled, clinical trial. <i>Disability and Rehabilitation</i> , 2018, 40, 2318-2324.	1.8	29
66	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?. <i>Lasers in Medical Science</i> , 2018, 33, 1073-1084.	2.1	28
67	Isolated and combined effects of photobiomodulation therapy, topical nonsteroidal anti-inflammatory drugs, and physical activity in the treatment of osteoarthritis induced by papain. <i>Journal of Biomedical Optics</i> , 2016, 21, 108001.	2.6	27
68	Comparative Study of the Physiotherapeutic and Drug Protocol and Low-Level Laser Irradiation in the Treatment of Pain Associated with Temporomandibular Dysfunction. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 652-656.	2.0	26
69	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. <i>Lasers in Medical Science</i> , 2015, 30, 1719-1727.	2.1	24
70	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
71	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
72	The low level laser therapy (LLLT) operating in 660 nm reduce gene expression of inflammatory mediators in the experimental model of collagenase-induced rat tendinitis. <i>Lasers in Medical Science</i> , 2015, 30, 1985-1990.	2.1	22

#	ARTICLE	IF	CITATIONS
73	Phototherapy on Management of Creatine Kinase Activity in General Versus Localized Exercise. <i>Clinical Journal of Sport Medicine</i> , 2018, Publish Ahead of Print, 267-274.	1.8	21
74	Effects of phototherapy on muscle activity and pain in individuals with temporomandibular disorder: a study protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 491.	1.6	20
75	Effects of exercise training and photobiomodulation therapy (EXTRAPHOTO) on pain in women with fibromyalgia and temporomandibular disorder: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 252.	1.6	19
76	Photobiomodulation therapy combined with carvedilol attenuates post-infarction heart failure by suppressing excessive inflammation and oxidative stress in rats. <i>Scientific Reports</i> , 2019, 9, 9425.	3.3	19
77	Histomorphometric analysis of inflammatory response and necrosis in re-implanted central incisor of rats treated with low-level laser therapy. <i>Lasers in Medical Science</i> , 2012, 27, 551-557.	2.1	18
78	Effects of Low-Level Laser Therapy (LLLT) 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
79	Comparative analysis of low-level laser therapy (660nm) on inflammatory biomarker expression during the skin wound-repair process in young and aged rats. <i>Lasers in Medical Science</i> , 2014, 29, 1723-1733.	2.1	18
80	Photobiomodulation Therapy in Skeletal Muscle: From Exercise Performance to Muscular Dystrophies. <i>Photomedicine and Laser Surgery</i> , 2015, 33, 53-54.	2.0	18
81	Photobiomodulation therapy on collagen type I and III, vascular endothelial growth factor, and metalloproteinase in experimentally induced tendinopathy in aged rats. <i>Lasers in Medical Science</i> , 2016, 31, 1915-1923.	2.1	17
82	Kinesio taping does not alter muscle torque, muscle activity or jumping performance in professional soccer players: A randomized, placebo-controlled, blind, clinical trial. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2017, 30, 869-877.	1.1	17
83	Photobiomodulation therapy in the modulation of inflammatory mediators and bradykinin receptors in an experimental model of acute osteoarthritis. <i>Lasers in Medical Science</i> , 2017, 32, 87-94.	2.1	17
84	Photobiomodulation therapy as a tool to prevent hamstring strain injuries by reducing soccer-induced fatigue on hamstring muscles. <i>Lasers in Medical Science</i> , 2019, 34, 1177-1184.	2.1	17
85	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. <i>Trials</i> , 2012, 13, 221.	1.6	16
86	Photobiomodulation therapy action in wound repair skin induced in aged rats old: time course of biomarkers inflammatory and repair. <i>Lasers in Medical Science</i> , 2017, 32, 1769-1782.	2.1	16
87	Low-Level Laser Therapy and World Association for Laser Therapy Dosage Recommendations in Musculoskeletal Disorders and Injuries. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 457-459.	2.0	16
88	Effects of Photobiomodulation Therapy Combined with Static Magnetic Field in Severe COVID-19 Patients Requiring Intubation: A Pragmatic Randomized Placebo-Controlled Trial. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 3569-3585.	3.5	16
89	Photobiomodulation therapy associated with treadmill training in the oxidative stress in a collagen-induced arthritis model. <i>Lasers in Medical Science</i> , 2017, 32, 1071-1079.	2.1	15
90	Photobiomodulation Leads to Reduced Oxidative Stress in Rats Submitted to High-Intensity Resistive Exercise. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	4.0	15

#	ARTICLE	IF	CITATIONS
91	Intraoral photobiomodulation diminishes pain and improves functioning in women with temporomandibular disorder: a randomized, sham-controlled, double-blind clinical trial. <i>Lasers in Medical Science</i> , 2020, 35, 439-445.	2.1	15
92	Photobiomodulation therapy is not better than placebo in patients with chronic nonspecific low back pain: a randomised placebo-controlled trial. <i>Pain</i> , 2021, 162, 1612-1620.	4.2	15
93	Effectiveness of phototherapy incorporated into an exercise program for osteoarthritis of the knee: study protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 221.	1.6	14
94	Effects of low-intensity non-coherent light therapy on the inflammatory process in the calcaneal tendon of ovariectomized rats. <i>Lasers in Medical Science</i> , 2016, 31, 33-40.	2.1	14
95	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
96	Low-level Laser Therapy Ameliorates CCl <sub>4</sub> -induced Liver Cirrhosis in Rats. <i>Photochemistry and Photobiology</i> , 2013, 89, 173-178.	2.5	12
97	Effect of low-level laser therapy (LLLT) and light-emitting diodes (LEDT) applied during combined training on performance and post-exercise recovery: protocol for a randomized placebo-controlled trial. <i>Brazilian Journal of Physical Therapy</i> , 2017, 21, 296-304.	2.5	12
98	Photobiomodulation therapy does not decrease pain and disability in people with non-specific low back pain: a systematic review. <i>Journal of Physiotherapy</i> , 2020, 66, 155-165.	1.7	12
99	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, placebo-controlled trial. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2020, 12, 23.	1.7	12
100	Penetration Time Profiles for Two Class 3B Lasers in <i>In Situ</i> Human Achilles at Rest and Stretched. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 546-554.	2.0	11
101	Effects and parameters of the photobiomodulation in experimental models of third-degree burn: systematic review. <i>Lasers in Medical Science</i> , 2019, 34, 637-648.	2.1	11
102	Acute effects of photobiomodulation therapy and magnetic field on functional mobility in stroke survivors: a randomized, sham-controlled, triple-blind, crossover, clinical trial. <i>Lasers in Medical Science</i> , 2020, 35, 1253-1262.	2.1	11
103	What is the optimal time-response window for the use of photobiomodulation therapy combined with static magnetic field (PBMT-sMF) for the improvement of exercise performance and recovery, and for how long the effects last? A randomized, triple-blinded, placebo-controlled trial. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2020, 12, 64.	1.7	11
104	High doses of laser phototherapy can increase proliferation in melanoma stromal connective tissue. <i>Lasers in Medical Science</i> , 2018, 33, 1215-1223.	2.1	10
105	Effect of photobiomodulation therapy on oxidative stress markers of gastrocnemius muscle of diabetic rats subjected to high-intensity exercise. <i>Lasers in Medical Science</i> , 2018, 33, 1781-1790.	2.1	9
106	Parameters and Effects of Photobiomodulation in Plantar Fasciitis: A Meta-Analysis and Systematic Review. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019, 37, 327-335.	1.4	9
107	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. <i>Lasers in Medical Science</i> , 2019, 34, 711-719.	2.1	9
108	Photobiomodulation Therapy is Able to Modulate PGE 2 Levels in Patients With Chronic Non-specific Low Back Pain: A Randomized Placebo-controlled Trial. <i>Lasers in Surgery and Medicine</i> , 2021, 53, 236-244.	2.1	9

#	ARTICLE	IF	CITATIONS
109	Short- and Long-Term Effectiveness of Low-Level Laser Therapy Combined with Strength Training in Knee Osteoarthritis: A Randomized Placebo-Controlled Trial. <i>Journal of Clinical Medicine</i> , 2022, 11, 3446.	2.4	9
110	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. <i>Trials</i> , 2014, 15, 69.	1.6	8
111	Role of low-level laser therapy on the cardiac remodeling after myocardial infarction: A systematic review of experimental studies. <i>Life Sciences</i> , 2016, 151, 109-114.	4.3	8
112	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
113	Effects of photobiomodulation therapy on inflammatory mediators in patients with chronic non-specific low back pain. <i>Medicine (United States)</i> , 2019, 98, e15177.	1.0	8
114	Post-resistance exercise photobiomodulation therapy has a more effective antioxidant effect than pre-application on muscle oxidative stress. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 585-595.	2.9	8
115	Comparison between cryotherapy and photobiomodulation in muscle recovery: a systematic review and meta-analysis. <i>Lasers in Medical Science</i> , 2021, , 1.	2.1	8
116	Proinflammatory effects of photoactivated methylene blue on rat model of Walker 256 carcinosarcoma. <i>Experimental Oncology</i> , 2019, 41, 112-122.	0.1	7
117	A fototerapia com diodo emissor de luz (LEDT) aplicada prÃ©-exercÃ©io inibe a peroxidaÃ§Ã£o lipÃ©dica em atletas apÃ³s exercÃ©cio de alta intensidade: um estudo preliminar. <i>Revista Brasileira De Medicina Do Esporte</i> , 2011, 17, 8-12.	0.2	6
118	Effects of photobiomodulation therapy in aerobic endurance training and detraining in humans. <i>Medicine (United States)</i> , 2019, 98, e15317.	1.0	6
119	Can photobiomodulation therapy be an alternative to pharmacological therapies in decreasing the progression of skeletal muscle impairments of mdx mice?. <i>PLoS ONE</i> , 2020, 15, e0236689.	2.5	5
120	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. <i>Trials</i> , 2014, 15, 116.	1.6	4
121	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. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2020, 12, 49.	1.7	4
122	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
123	Similar Is Not Equal: It Is Time to Create the Perfect Photobiomodulation Storm. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2022, 40, 211-212.	1.4	4
124	Multi-Wavelength Photobiomodulation Therapy Combined with Static Magnetic Field on Long-Term Pulmonary Complication after COVID-19: A Case Report. <i>Life</i> , 2021, 11, 1124.	2.4	3
125	Effects of light-emitting diodes on muscle fatigue and exercise tolerance in patients with COPD: study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 134.	1.6	2
126	Laser Photobiomodulation Over Teeth Subjected to Orthodontic Movement. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 647-652.	2.0	2



#	ARTICLE	IF	CITATIONS
127	Low-level laser therapy prevents muscle apoptosis induced by a high-intensity resistance exercise in a dose-dependent manner. <i>Lasers in Medical Science</i> , 2020, 35, 1867-1870.	2.1	2
128	Effectiveness of Low-Level Laser Therapy Associated with Strength Training in Knee Osteoarthritis: Protocol for a Randomized Placebo-Controlled Trial. <i>Methods and Protocols</i> , 2021, 4, 19.	2.0	2
129	Photobiomodulation Therapy Combined with Static Magnetic Field (PBMT+SMF) on Spatiotemporal and Kinematics Gait Parameters in Post-Stroke: A Pilot Study. <i>Life</i> , 2022, 12, 186.	2.4	2
130	Comment on "Effect of low-level phototherapy on delayed onset muscle soreness: a systematic review and meta-analysis". <i>Lasers in Medical Science</i> , 2016, 31, 1739-1740.	2.1	1
131	Effects of photobiomodulation therapy combined to static magnetic field in strength training and detraining in humans: protocol for a randomised placebo-controlled trial. <i>BMJ Open</i> , 2019, 9, e030194.	1.9	1
132	Immediate effects of photobiomodulation therapy combined with a static magnetic field on the subsequent performance: a preliminary randomized crossover triple-blinded placebo-controlled trial. <i>Biomedical Optics Express</i> , 2021, 12, 6940.	2.9	1
133	Photobiomodulation Therapy Combined with Static Magnetic Field Reduces Pain in Patients with Chronic Nonspecific Neck and/or Shoulder Pain: A Randomized, Triple-Blinded, Placebo-Controlled Trial. <i>Life</i> , 2022, 12, 656.	2.4	1
134	Effect of simvastatin on passive strain-induced skeletal muscle injury in rats. <i>Muscle and Nerve</i> , 2012, 46, 899-907.	2.2	0
135	Synergistic effects of combination of three wavelengths and different light sources in cytochrome c oxidase activity in intact skeletal muscle of rats. , 2019, , .		0
136	Can photobiomodulation therapy be an alternative to pharmacological therapies in decreasing the progression of skeletal muscle impairments of mdx mice?. , 2019, , .		0