

# Nivaldo Antonio Parizotto

## List of Publications by Year in descending order

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170  
papers

5,388  
citations

87723

38  
h-index

102304

66  
g-index

175  
all docs

175  
docs citations

175  
times ranked

5596  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial strategies centered around reactive oxygen species – bactericidal antibiotics, photodynamic therapy, and beyond. <i>FEMS Microbiology Reviews</i> , 2013, 37, 955-989.	3.9	785
2	The Effects of Laser Irradiation on Osteoblast and Osteosarcoma Cell Proliferation and Differentiation in Vitro. <i>Photomedicine and Laser Surgery</i> , 2007, 25, 275-280.	2.1	166
3	Low-level laser (light) therapy (LLLT) on muscle tissue: performance, fatigue and repair benefited by the power of light. <i>Photonics &amp; Lasers in Medicine</i> , 2012, 1, 267-286.	0.3	166
4	Low level laser therapy increases angiogenesis in a model of ischemic skin flap in rats mediated by VEGF, HIF-1 $\alpha$ and MMP-2. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 125, 164-170.	1.7	140
5	Low-level Laser (Light) Therapy Increases Mitochondrial Membrane Potential and ATP Synthesis in C2C12 Myotubes with a Peak Response at 3 h. <i>Photochemistry and Photobiology</i> , 2015, 91, 411-416.	1.3	136
6	Effects of low level laser therapy (808nm) on physical strength training in humans. <i>Lasers in Medical Science</i> , 2011, 26, 349-358.	1.0	111
7	Shining light on nanotechnology to help repair and regeneration. <i>Biotechnology Advances</i> , 2013, 31, 607-631.	6.0	96
8	The effect of therapeutic ultrasound on repair of the achilles tendon (tendo calcaneus) of the rat. <i>Ultrasound in Medicine and Biology</i> , 2001, 27, 1691-1696.	0.7	95
9	Low-level laser therapy (808nm) contributes to muscle regeneration and prevents fibrosis in rat tibialis anterior muscle after cryolesion. <i>Lasers in Medical Science</i> , 2013, 28, 947-955.	1.0	94
10	Low-level laser therapy (808nm) reduces inflammatory response and oxidative stress in rat tibialis anterior muscle after cryolesion. <i>Lasers in Surgery and Medicine</i> , 2012, 44, 726-735.	1.1	91
11	Androgenic-Anabolic Steroids Associated with Mechanical Loading Inhibit Matrix Metalloproteinase Activity and Affect the Remodeling of the Achilles Tendon in Rats. <i>American Journal of Sports Medicine</i> , 2006, 34, 1274-1280.	1.9	86
12	Electrical stimulation impairs early functional recovery and accentuates skeletal muscle atrophy after sciatic nerve crush injury in rats. <i>Muscle and Nerve</i> , 2010, 41, 685-693.	1.0	86
13	Effect of In-Ga-Al-P Diode Laser Irradiation on Angiogenesis in Partial Ruptures of Achilles Tendon in Rats. <i>Photomedicine and Laser Surgery</i> , 2005, 23, 470-475.	2.1	85
14	Effects of low-level laser therapy (808nm) on isokinetic muscle performance of young women submitted to endurance training: a randomized controlled clinical trial. <i>Lasers in Medical Science</i> , 2012, 27, 497-504.	1.0	85
15	Dose-dependency of Low-energy HeNe Laser Effect in Regeneration of Skeletal Muscle in Mice. <i>Lasers in Medical Science</i> , 2001, 16, 44-51.	1.0	84
16	Time response of increases in ATP and muscle resistance to fatigue after low-level laser (light) therapy (LLLT) in mice. <i>Lasers in Medical Science</i> , 2015, 30, 1259-1267.	1.0	78
17	Low-level laser therapy (904nm) can increase collagen and reduce oxidative and nitrosative stress in diabetic wounded mouse skin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 164, 96-102.	1.7	76
18	Effects of 660 and 780nm low-level laser therapy on neuromuscular recovery after crush injury in rat sciatic nerve. <i>Lasers in Surgery and Medicine</i> , 2010, 42, 833-842.	1.1	69

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19	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.	2.1	68
20	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.	1.0	64
21	Low level laser therapy (830nm) improves bone repair in osteoporotic rats: Similar outcomes at two different dosages. <i>Experimental Gerontology</i> , 2012, 47, 136-142.	1.2	61
22	Comparative Study Using 685-nm and 830-nm Lasers in the Tissue Repair of Tenotomized Tendons in the Mouse. <i>Photomedicine and Laser Surgery</i> , 2006, 24, 754-758.	2.1	60
23	<i>In vivo</i> biological performance of a novel highly bioactive glass-ceramic (Biosilicate®): A biomechanical and histomorphometric study in rat tibial defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 97B, 139-147.	1.6	55
24	Use of low level laser therapy to control neuropathic pain: A systematic review. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 164, 36-42.	1.7	55
25	Photobiomodulation therapy reduces acute pain and inflammation in mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 196, 111513.	1.7	55
26	Light-emitting diode therapy in exercise-trained mice increases muscle performance, cytochrome c oxidase activity, ATP and cell proliferation. <i>Journal of Biophotonics</i> , 2015, 8, 740-754.	1.1	54
27	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.	1.7	50
28	Low-Level Laser Irradiation (InGaAlP-660nm) Increases Fibroblast Cell Proliferation and Reduces Cell Death in a Dose-Dependent Manner. <i>Photomedicine and Laser Surgery</i> , 2010, 28, S-151-S-156.	2.1	48
29	Comparative study of the efficacy of the topical application of hydrocortisone, therapeutic ultrasound and phonophoresis on the tissue repair process in rat tendons. <i>Ultrasound in Medicine and Biology</i> , 2005, 31, 345-350.	0.7	47
30	Comparative Effects of Low-Intensity Pulsed Ultrasound and Low-Level Laser Therapy on Injured Skeletal Muscle. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 5-10.	2.1	47
31	Biosilicate® and low-level laser therapy improve bone repair in osteoporotic rats. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 229-237.	1.3	47
32	Low-level laser therapy (670 nm) on viability of random skin flap in rats. <i>Lasers in Medical Science</i> , 2009, 24, 209-213.	1.0	46
33	Characterization and <i>In Vivo</i> Biological Performance of Biosilicate. <i>BioMed Research International</i> , 2013, 2013, 1-7.	0.9	46
34	Light-emitting diode therapy (LEDT) before matches prevents increase in creatine kinase with a light dose response in volleyball players. <i>Lasers in Medical Science</i> , 2015, 30, 1281-1287.	1.0	46
35	Effects of biosilicate and bioglass 45S5 on tibial bone consolidation on rats: a biomechanical and a histological study. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 2521-2526.	1.7	42
36	Comparative study of laser and LED systems of low intensity applied to tendon healing. <i>Laser Physics</i> , 2009, 19, 1925-1931.	0.6	41

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37	Assessment of the effectiveness of low-level laser therapy on the hands of patients with rheumatoid arthritis: a randomized double-blind controlled trial. <i>Clinical Rheumatology</i> , 2010, 29, 501-509.	1.0	41
38	Use of Low-Level Laser Therapy (808nm) to Muscle Fatigue Resistance: A Randomized Double-Blind Crossover Trial. <i>Photomedicine and Laser Surgery</i> , 2014, 32, 678-685.	2.1	41
39	Mitochondrial dynamics (fission and fusion) and collagen production in a rat model of diabetic wound healing treated by photobiomodulation: comparison of 904nm laser and 850nm light-emitting diode (LED). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 187, 41-47.	1.7	41
40	Comparative study of the effects of low-intensity pulsed ultrasound and low-level laser therapy on bone defects in tibias of rats. <i>Lasers in Medical Science</i> , 2010, 25, 727-732.	1.0	39
41	Photobiomodulation mechanisms in the kinetics of the wound healing process in rats. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 183, 22-29.	1.7	39
42	Effects of Infrared-LED Illumination Applied During High-Intensity Treadmill Training in Postmenopausal Women. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 639-645.	2.1	38
43	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.	1.2	38
44	Low-level laser therapy (LLLT) (660nm) alters gene expression during muscle healing in rats. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 120, 29-35.	1.7	36
45	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.	1.4	36
46	Direct observation of chemical vapor deposited diamond films by atomic force microscopy. <i>Applied Physics Letters</i> , 1992, 60, 1567-1569.	1.5	35
47	Effects of 830-nm Laser, Used in Two Doses, on Biomechanical Properties of Osteopenic Rat Femora. <i>Photomedicine and Laser Surgery</i> , 2006, 24, 202-206.	2.1	35
48	Different Power Settings of LLLT on the Repair of the Calcaneal Tendon. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 663-668.	2.1	34
49	Low-level laser therapy (LLLT) combined with swimming training improved the lipid profile in rats fed with high-fat diet. <i>Lasers in Medical Science</i> , 2013, 28, 1271-1280.	1.0	34
50	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.	2.1	34
51	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.	1.0	34
52	Histopathological, cytotoxicity and genotoxicity evaluation of Biosilicate <sup>®</sup> glass-ceramic scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 667-673.	2.1	33
53	Muscular pre-conditioning using light-emitting diode therapy (LEDT) for high-intensity exercise: a randomized double-blind placebo-controlled trial with a single elite runner. <i>Physiotherapy Theory and Practice</i> , 2015, 31, 354-361.	0.6	33
54	Characterization of Langmuir-Blodgett films of parent polyaniline. <i>Thin Solid Films</i> , 1996, 284-285, 177-180.	0.8	32

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55	Infrared LED irradiation applied during high-intensity treadmill training improves maximal exercise tolerance in postmenopausal women: a 6-month longitudinal study. <i>Lasers in Medical Science</i> , 2013, 28, 415-422.	1.0	32
56	Effect of a new bioactive fibrous glassy scaffold on bone repair. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 177.	1.7	31
57	Effect of photobiomodulation therapy (808Ånm) in the control of neuropathic pain in mice. <i>Lasers in Medical Science</i> , 2017, 32, 865-872.	1.0	30
58	New treatment of cellulite with infrared-LED illumination applied during high-intensity treadmill training. <i>Journal of Cosmetic and Laser Therapy</i> , 2011, 13, 166-171.	0.3	29
59	Effects of 830-nm Laser Light on Preventing Bone Loss after Ovariectomy. <i>Photomedicine and Laser Surgery</i> , 2006, 24, 642-645.	2.1	27
60	The potential of phototherapy to reduce body fat, insulin resistance and "metabolic inflexibility" related to obesity in women undergoing weight loss treatment. <i>Lasers in Surgery and Medicine</i> , 2015, 47, 634-642.	1.1	26
61	Effects of Light-Emitting Diode Therapy on Muscle Hypertrophy, Gene Expression, Performance, Damage, and Delayed-Onset Muscle Soreness. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2016, 95, 746-757.	0.7	26
62	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.	0.7	25
63	Observation of geometric structure of collagen molecules by atomic force microscopy. <i>Applied Biochemistry and Biotechnology</i> , 1998, 69, 91-97.	1.4	24
64	Effect of Plantar Vibration Stimuli on the Balance of Older Women: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 199-206.	0.5	24
65	The effects of 780-nm low-level laser therapy on muscle healing process after cryolesion. <i>Lasers in Medical Science</i> , 2014, 29, 91-96.	1.0	24
66	Bacterial cellulose membrane used as biological dressings on third-degree burns in rats. <i>Bio-Medical Materials and Engineering</i> , 2017, 29, 29-42.	0.4	24
67	Low intensity laser therapy accelerates muscle regeneration in aged rats. <i>Photonics &amp; Lasers in Medicine</i> , 2012, 1, 287-297.	0.3	23
68	Characterization and biocompatibility of a fibrous glassy scaffold. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1141-1151.	1.3	23
69	Low level laser therapy does not modulate the outcomes of a highly bioactive glass"ceramic (Biosilicate®) on bone consolidation in rats. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 1379-1384.	1.7	22
70	Effects of excess body mass on strength and fatigability of quadriceps in postmenopausal women. <i>Menopause</i> , 2012, 19, 556-561.	0.8	22
71	Evaluation of the low-level laser therapy application parameters for skin burn treatment in experimental model: a systematic review. <i>Lasers in Medical Science</i> , 2018, 33, 1159-1169.	1.0	22
72	Can low-level laser therapy (LLLT) associated with an aerobic plus resistance training change the cardiometabolic risk in obese women? A placebo-controlled clinical trial. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 153, 103-110.	1.7	21

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73	Influência de diferentes comprimentos de onda da laserterapia de baixa intensidade na regeneração tendão do rato após tenotomia. Brazilian Journal of Physical Therapy, 2007, 11, 283-288.	1.1	20
74	Low-level laser therapy, at 60 J/cm <sup>2</sup> associated with a Biosilicate® increase in bone deposition and indentation biomechanical properties of callus in osteopenic rats. Journal of Biomedical Optics, 2011, 16, 078001.	1.4	20
75	Static postural sway of women with and without fibromyalgia syndrome: A cross-sectional study. Clinical Biomechanics, 2017, 44, 83-89.	0.5	20
76	Effects of red and near-infrared LED light therapy on full-thickness skin graft in rats. Lasers in Medical Science, 2020, 35, 157-164.	1.0	20
77	Observation of baker's yeast strains used in biotransformation by atomic force microscopy. Applied Biochemistry and Biotechnology, 1996, 59, 135-143.	1.4	19
78	Effects of phototherapy on cartilage structure and inflammatory markers in an experimental model of osteoarthritis. Journal of Biomedical Optics, 2013, 18, 128004.	1.4	19
79	Morphological aspects and Cox-2 expression after exposure to 780-nm laser therapy in injured skeletal muscle: an in vivo study. Brazilian Journal of Physical Therapy, 2014, 18, 395-401.	1.1	19
80	Hypotensive acute effect of photobiomodulation therapy on hypertensive rats. Life Sciences, 2017, 178, 56-60.	2.0	19
81	Light-emitting diode therapy (photobiomodulation) effects on oxygen uptake and cardiac output dynamics during moderate exercise transitions: a randomized, crossover, double-blind, and placebo-controlled study. Lasers in Medical Science, 2018, 33, 1065-1071.	1.0	19
82	The effects of infrared-830nm laser on exercised osteopenic rats. Lasers in Medical Science, 2006, 21, 202-207.	1.0	18
83	Low-level laser therapy (LLLT) associated with aerobic plus resistance training to improve inflammatory biomarkers in obese adults. Lasers in Medical Science, 2015, 30, 1553-1563.	1.0	18
84	Photobiomodulation effect on the proliferation of adipose tissue mesenchymal stem cells. Lasers in Medical Science, 2019, 34, 677-683.	1.0	18
85	The Effects of 660nm and 780nm Laser Irradiation on Viability of Random Skin Flap in Rats. Photomedicine and Laser Surgery, 2009, 27, 721-724.	2.1	17
86	The effects of low-level laser irradiation on bone tissue in diabetic rats. Lasers in Medical Science, 2013, 29, 1357-64.	1.0	17
87	Bone regeneration and gene expression in bone defects under healthy and osteoporotic bone conditions using two commercially available bone graft substitutes. Biomedical Materials (Bristol), 2015, 10, 035003.	1.7	17
88	Biocompatibility of a porous alumina ceramic scaffold coated with hydroxyapatite and bioglass. Journal of Biomedical Materials Research - Part A, 2014, 102, 2072-2078.	2.1	16
89	Evaluation of the bone healing process in an experimental tibial bone defect model in ovariectomized rats. Aging Clinical and Experimental Research, 2014, 26, 473-481.	1.4	16
90	Light-emitting diode therapy (LEDT) improves functional capacity in rats with heart failure. Lasers in Medical Science, 2016, 31, 937-944.	1.0	16

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91	Effects of light-emitting diode therapy (LEDT) on cardiopulmonary and hemodynamic adjustments during aerobic exercise and glucose levels in patients with diabetes mellitus: A randomized, crossover, double-blind and placebo-controlled clinical trial. <i>Complementary Therapies in Medicine</i> , 2019, 42, 178-183.	1.3	16
92	Effects of Laser on the Synovial Fluid in the Inflammatory Process of the Knee Joint of the Rabbit. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 63-69.	2.1	15
93	Low-level laser therapy associated with high intensity resistance training on cardiac autonomic control of heart rate and skeletal muscle remodeling in wistar rats. <i>Lasers in Surgery and Medicine</i> , 2014, 46, 796-803.	1.1	15
94	How to report electrotherapy parameters and procedures for pelvic floor dysfunction. <i>International Urogynecology Journal</i> , 2018, 29, 1747-1755.	0.7	15
95	Treatment time of ultrasound therapy interferes with the organization of collagen fibers in rat tendons. <i>Brazilian Journal of Physical Therapy</i> , 2013, 17, 263-271.	1.1	14
96	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.	1.4	14
97	Porous poly ( D,L -lactide-co -glycolide) acid/biosilicate <sup>®</sup> composite scaffolds for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 63-71.	1.6	14
98	Photobiomodulation and bacterial cellulose membrane in the treatment of third-degree burns in rats. <i>Journal of Tissue Viability</i> , 2018, 27, 249-256.	0.9	14
99	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.	1.0	14
100	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.	1.1	13
101	Can low-level laser therapy when associated to exercise decrease adipocyte area?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 149, 21-26.	1.7	13
102	Effects of Low-Level Laser Therapy Applied Before Treadmill Training on Recovery of Injured Skeletal Muscle in Wistar Rats. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 187-193.	2.1	13
103	Effect of photobiomodulation associated with cell therapy in the process of cutaneous regeneration in third degree burns in rats. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 673-683.	1.3	13
104	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.	1.7	12
105	Light-emitting diode modulates carbohydrate metabolism by pancreatic duct regeneration. <i>Lasers in Medical Science</i> , 2017, 32, 1747-1755.	1.0	12
106	Photobiomodulation increases mitochondrial citrate synthase activity in rats submitted to aerobic training. <i>Lasers in Medical Science</i> , 2018, 33, 803-810.	1.0	12
107	The effects of exercise training associated with low-level laser therapy on biomarkers of adipose tissue transdifferentiation in obese women. <i>Lasers in Medical Science</i> , 2018, 33, 1245-1254.	1.0	11
108	Preemptive treatment with photobiomodulation therapy in skin flap viability. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 201, 111634.	1.7	11

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109	Lycium barbarum 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.	1.0	11
110	Laser treatment of experimentally induced chronic arthritis. <i>Applied Surface Science</i> , 2000, 154-155, 561-564.	3.1	10
111	Metabolic and Cardiac Autonomic Effects of High-Intensity Resistance Training Protocol in Wistar Rats. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 618-624.	1.0	10
112	Polysaccharide-rich hydrogel formulation combined with photobiomodulation repairs UV <sub>A</sub> -induced photodamage in mice skin. <i>Wound Repair and Regeneration</i> , 2020, 28, 645-655.	1.5	10
113	Adapta <sup>o</sup> enzim <sup>tica</sup> da LDH em ratos submetidos a treinamento aer <sup>bio</sup> em esteira e laser de baixa intensidade. <i>Brazilian Journal of Physical Therapy</i> , 2006, 10, 205.	1.1	9
114	RehabGesture: An Alternative Tool for Measuring Human Movement. <i>Telemedicine Journal and E-Health</i> , 2016, 22, 584-589.	1.6	9
115	Photobiomodulation reduces neutrophil migration and oxidative stress in mice with carrageenan-induced peritonitis. <i>Lasers in Medical Science</i> , 2018, 33, 1983-1990.	1.0	9
116	Photobiomodulation can improve ovarian activity in polycystic ovary syndrome-induced rats. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 194, 6-13.	1.7	9
117	An <sup>lise</sup> histol <sup>gica</sup> em tecido epitelial sadio de ratos Wistar (in vivo) irradiados com diferentes intensidades do ultrassom. <i>Brazilian Journal of Physical Therapy</i> , 2010, 14, 114-120.	1.1	8
118	One-repetition maximum test and isokinetic leg extension and flexion: Correlations and predicted values. <i>Isokinetics and Exercise Science</i> , 2013, 21, 69-76.	0.2	8
119	Biomechanical Properties: Effects of Low-level Laser Therapy and Biosilicate <sup>o</sup> on Tibial Bone Defects in Osteopenic Rats. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2014, 12, 271-277.	0.7	8
120	Effects of phototherapy plus physical training on metabolic profile and quality of life in postmenopausal women. <i>Journal of Cosmetic and Laser Therapy</i> , 2017, 19, 364-372.	0.3	8
121	Photobiomodulation on critical bone defects of rat calvaria: a systematic review. <i>Lasers in Medical Science</i> , 2018, 33, 1841-1848.	1.0	8
122	Effect of photobiomodulation (670 <sup>nm</sup> ) associated with vitamin A on the inflammatory phase of wound healing. <i>Lasers in Medical Science</i> , 2018, 33, 1867-1874.	1.0	7
123	Energy-dependent effect trial of photobiomodulation on blood pressure in hypertensive rats. <i>Lasers in Medical Science</i> , 2020, 35, 1041-1046.	1.0	7
124	Biphasic Dose/Response of Photobiomodulation Therapy on Culture of Human Fibroblasts. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2020, 38, 413-418.	0.7	7
125	Whole-body electrical stimulation as a strategy to improve functional capacity and preserve lean mass after bariatric surgery: a randomized triple-blind controlled trial. <i>International Journal of Obesity</i> , 2021, 45, 1476-1487.	1.6	7
126	Effects of low intensity infrared laser radiation on the water transport in the isolated toad urinary bladder. <i>Lasers in Surgery and Medicine</i> , 2003, 32, 299-304.	1.1	6



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127	Alternative animal model for studies of total skin thickness burns. <i>Acta Cirurgica Brasileira</i> , 2017, 32, 836-842.	0.3	6
128	Is electrical stimulation a consolidated treatment for denervated muscles and functional recovery after nerve injuries?. <i>Muscle and Nerve</i> , 2011, 43, 299-300.	1.0	5
129	Increased lactate threshold after five weeks of treadmill aerobic training in rats. <i>Brazilian Journal of Biology</i> , 2014, 74, 444-449.	0.4	5
130	Effects of photobiomodulation therapy in the integration of skin graft in rats. <i>Lasers in Medical Science</i> , 2020, 35, 939-947.	1.0	5
131	Low-Intensity Photobiomodulation Decreases Neuropathic Pain in Paw Ischemia-Reperfusion and Spared Nervus Ischiadicus Injury Experimental Models. <i>Pain Practice</i> , 2020, 20, 371-386.	0.9	5
132	Comparação dos efeitos do laser de baixa potência e do ultrassom de baixa intensidade associado ao Biosilicato® no processo de reparo ósseo em tábias de ratos. <i>Revista Brasileira De Ortopedia</i> , 2012, 47, 102-107.	0.2	5
133	Os efeitos de um programa de atividade física de carga progressiva nas propriedades físicas e na força óssea de ratos osteopênicas. <i>Acta Ortopedica Brasileira</i> , 2007, 15, 276-279.	0.2	4
134	Evaluation of acute effect of light-emitting diode (LED) phototherapy on muscle deoxygenation and pulmonary oxygen uptake kinetics in patients with diabetes mellitus: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 572.	0.7	4
135	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.	2.6	4
136	Dose Response Effect of Photobiomodulation on Hemodynamic Responses and Glucose Levels in Men with Type 2 Diabetes: A Randomized, Crossover, Double-Blind, Sham-Controlled Trial. <i>Photonics</i> , 2022, 9, 481.	0.9	4
137	Análise nanoestrutural da ação do ultra-som terapêutico sobre o processo de regeneração do tendão de ratos. <i>Fisioterapia E Pesquisa</i> , 2009, 16, 198-204.	0.3	3
138	Effects of Hydrotherapy on Postural Control of Women with Fibromyalgia Syndrome: A Single Arm Study. <i>Myopain</i> , 2015, 23, 125-133.	0.0	3
139	Scaffolds of bioactive glass-ceramic (Biosilicate®) 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.	0.4	3
140	Eficácia da terapia a laser de baixa intensidade no controle da dor neuropática em camundongos. <i>Fisioterapia E Pesquisa</i> , 2018, 25, 20-27.	0.3	3
141	Synergic effects of ultrasound and laser therapies on mesentery for management of obesity and diabetes in rats. <i>Journal of Biophotonics</i> , 2021, 14, e202100109.	1.1	3
142	Low level laser therapy for reducing pain in rheumatoid arthritis and osteoarthritis: a systematic review. <i>Fisioterapia Em Movimento</i> , 0, 32, .	0.4	3
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