

Lucio Frigo

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,954
citations

257450

24
h-index

243625

44
g-index

53
all docs

53
docs citations

53
times ranked

2078
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic review with meta-analysis of the effect of low-level laser therapy (LLLT) in cancer therapy-induced oral mucositis. <i>Supportive Care in Cancer</i> , 2011, 19, 1069-1077.	2.2	234
2	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
3	Effect of low-level laser (Ga-Al-As 655 nm) on skeletal muscle fatigue induced by electrical stimulation in rats. <i>Journal of Applied Physiology</i> , 2006, 101, 283-288.	2.5	150
4	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
5	Analgesic Effect of He-Ne (632.8 nm) Low-Level Laser Therapy on Acute Inflammatory Pain. <i>Photomedicine and Laser Surgery</i> , 2005, 23, 177-181.	2.0	100
6	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
7	Urocortin in the central nervous system of a primate (<i>Cebus apella</i>): Sequencing, immunohistochemical, and hybridization histochemical characterization. <i>Journal of Comparative Neurology</i> , 2003, 463, 157-175.	1.6	74
8	The effect of low-level laser irradiation (In-Ga-Al-AsP - 660 nm) on melanoma in vitro and in vivo. <i>BMC Cancer</i> , 2009, 9, 404.	2.6	72
9	Effect of GaAlAs Laser on Reactional Dentinogenesis Induction in Human Teeth. <i>Photomedicine and Laser Surgery</i> , 2006, 24, 358-365.	2.0	67
10	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
11	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
12	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.	2.0	48
13	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
14	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
15	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
16	Low level laser therapy partially restores trachea muscle relaxation response in rats with tumor necrosis factor Î±-mediated smooth airway muscle dysfunction. <i>Lasers in Surgery and Medicine</i> , 2006, 38, 773-778.	2.1	43
17	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
18	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

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19	Distribution of melanin-concentrating hormone neurons projecting to the medial mammillary nucleus. <i>Neuroscience</i> , 2002, 115, 899-915.	2.3	37
20	The distribution of melanin-concentrating hormone in the monkey brain (<i>Cebus apella</i>). <i>Brain Research</i> , 1998, 804, 140-143.	2.2	34
21	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
22	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
23	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
24	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
25	Low-Level Laser Therapy and Cryotherapy as Mono- and Adjunctive Therapies for Achilles Tendinopathy in Rats. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 32-42.	2.0	25
26	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
27	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
28	The low level laser therapy (LLLT) operating in 660nm 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
29	Comparison of Photobiomodulation and Anti-Inflammatory Drugs on Tissue Repair on Collagenase-Induced Achilles Tendon Inflammation in Rats. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 137-145.	2.0	22
30	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
31	Performance of Nano-Hydroxyapatite/Beta-Tricalcium Phosphate and Xenogenic Hydroxyapatite on Bone Regeneration in Rat Calvarial Defects: Histomorphometric, Immunohistochemical and Ultrastructural Analysis. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3473-3485.	6.7	17
32	Evaluation of low-level laser therapy in the treatment of masticatory muscles spasticity in children with cerebral palsy. <i>Journal of Biomedical Optics</i> , 2016, 21, 028001.	2.6	16
33	Laser photobiomodulation of pro-inflammatory mediators on Walker Tumor 256 induced rats. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 177, 69-75.	3.8	14
34	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
35	Histomorphometric, Immunohistochemical, Ultrastructural Characterization of a Nano-Hydroxyapatite/Beta-Tricalcium Phosphate Composite and a Bone Xenograft in Sub-Critical Size Bone Defect in Rat Calvaria. <i>Materials</i> , 2020, 13, 4598.	2.9	14
36	Caracterização da variabilidade de frequência cardíaca e sensibilidade do barorreflexo em indivíduos sedentários e atletas do sexo masculino. <i>Revista Brasileira De Medicina Do Esporte</i> , 2007, 13, 231-236.	0.2	12

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37	In vitro analysis of human tooth pulp chamber temperature after low-intensity laser therapy at different power outputs. <i>Lasers in Medical Science</i> , 2011, 26, 143-147.	2.1	10
38	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
39	Effect of GaAlAs low-level laser therapy on mouth opening after orthognathic surgery. <i>Lasers in Medical Science</i> , 2018, 33, 1271-1277.	2.1	10
40	Repair of Critical Size Bone Defects Using Synthetic Hydroxyapatite or Xenograft with or without the Bone Marrow Mononuclear Fraction: A Histomorphometric and Immunohistochemical Study in Rat Calvaria. <i>Materials</i> , 2021, 14, 2854.	2.9	6
41	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
42	Laser-photobiomodulation on titanium implant bone healing in rat model: comparison between 660- and 808-nm wavelength. <i>Lasers in Medical Science</i> , 2022, 37, 2179-2184.	2.1	4
43	Laser-photobiomodulation on experimental cancer pain model in Walker Tumor-256. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 210, 111979.	3.8	3
44	Laser Photobiomodulation Over Teeth Subjected to Orthodontic Movement. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 647-652.	2.0	2
45	Precision brackets for upper lateral incisors in Bioprogressive therapy. <i>Microscopy Research and Technique</i> , 2019, 82, 2049-2053.	2.2	2
46	The effect of inhaled nitric oxide on the carrageenan-induced paw edema. <i>Histology and Histopathology</i> , 2015, 30, 117-24.	0.7	2
47	Laserterapia de baixa intensidade e seus efeitos sobre a dor, edema, trismo e parestesia: uma revisão integrativa da literatura. <i>Research, Society and Development</i> , 2021, 10, e9210212159.	0.1	1
48	Histomorphometric Evaluation of Bone-Guided Regeneration in Maxillary Sinus Floor Augmentation Using Nano-Hydroxyapatite/Beta-Tricalcium Phosphate Composite Biomaterial: A Case Report. <i>International Medical Case Reports Journal</i> , 2021, Volume 14, 697-706.	0.8	1
49	Evaluation of the analgesic effect of low-power optical radiation in acute inflammatory process. , 2004, , .		0
50	Effect of simvastatin on passive strain-induced skeletal muscle injury in rats. <i>Muscle and Nerve</i> , 2012, 46, 899-907.	2.2	0
51	Osteopontin and Vascular Endothelial Growth Factor-Immunoreactivity in Critical Bone Defects Matrix Production: A Nano-Hydroxyapatite/Beta-Tricalcium Phosphate and Xenogeneic Hydroxyapatite Comparison. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1048.	2.0	0