

Rinaldo Roberto de Jesus Guirro

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

1,165
citations

430874

18
h-index

526287

27
g-index

114
all docs

114
docs citations

114
times ranked

1381
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative effects of wavelengths of low-power laser in regeneration of sciatic nerve in rats following crushing lesion. <i>Lasers in Medical Science</i> , 2010, 25, 423-430.	2.1	98
2	Reliability of different methodologies of infrared image analysis of myofascial trigger points in the upper trapezius muscle. <i>Brazilian Journal of Physical Therapy</i> , 2015, 19, 122-128.	2.5	51
3	Blue Laser Inhibits Bacterial Growth of <i>Staphylococcus aureus</i> , <i>Escherichia coli</i> , and <i>Pseudomonas aeruginosa</i> . <i>Photomedicine and Laser Surgery</i> , 2015, 33, 278-282.	2.0	48
4	Effect of Application of Transcutaneous Electrical Nerve Stimulation and Laryngeal Manual Therapy in Dysphonic Women: Clinical Trial. <i>Journal of Voice</i> , 2015, 29, 200-208.	1.5	44
5	Estimulaç�o el�trica nervosa transcut�nea em mulheres disf�nicas. Pr�-fono: <i>Revista De Atualizaç�o Cient�fica</i> , 2008, 20, 189-194.	0.5	31
6	Rat hindlimb joint immobilization with acrylic resin orthoses. <i>Brazilian Journal of Medical and Biological Research</i> , 2006, 39, 979-985.	1.5	30
7	Comparison of active and passive forces of the pelvic floor muscles in women with and without stress urinary incontinence. <i>Brazilian Journal of Physical Therapy</i> , 2012, 16, 314-319.	2.5	28
8	Evolution of Skin Temperature after the Application of Compressive Forces on Tendon, Muscle and Myofascial Trigger Point. <i>PLoS ONE</i> , 2015, 10, e0129034.	2.5	27
9	Accuracy and Reliability of Infrared Thermography in Assessment of the Breasts of Women Affected by Cancer. <i>Journal of Medical Systems</i> , 2017, 41, 87.	3.6	27
10	Transcutaneous Electrical Nerve Stimulation (TENS) and Laryngeal Manual Therapy (LMT): Immediate Effects in Women With Dysphonia. <i>Journal of Voice</i> , 2018, 32, 385.e17-385.e25.	1.5	27
11	Evaluation of Myofascial Trigger Points Using Infrared Thermography: A Critical Review of the Literature. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2015, 38, 86-92.	0.9	26
12	Postura cr�nio-cervical em mulheres disf�nicas. <i>Revista Da Sociedade Brasileira De Fonoaudiologia</i> , 2010, 15, 329-334.	0.3	25
13	Red and infrared laser therapy inhibits in vitro growth of major bacterial species that commonly colonize skin ulcers. <i>Lasers in Medical Science</i> , 2016, 31, 549-556.	2.1	25
14	Clinical Trial Registration in Physical Therapy Journals: Recommendations from the International Society of Physiotherapy Journal Editors. <i>Physical Therapy</i> , 2013, 93, 6-10.	2.4	24
15	Correlation Between Skin Temperature Over Myofascial Trigger Points in the Upper Trapezius Muscle and Range of Motion, Electromyographic Activity, and Pain in Chronic Neck Pain Patients. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2018, 41, 350-357.	0.9	23
16	A physiotherapeutic approach to craniomandibular disorders: a case report. <i>Journal of Oral Rehabilitation</i> , 2002, 29, 268-273.	3.0	22
17	Assessment of Functional Recovery of Sciatic Nerve in Rats Submitted to Low-Level Laser Therapy with Different Fluences. An Experimental Study. <i>Journal of Hand and Microsurgery</i> , 2016, 5, 49-53.	0.3	20
18	Additional Effect of Static Ultrasound and Diadynamic Currents on Myofascial Trigger Points in a Manual Therapy Program for Patients With Chronic Neck Pain. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017, 96, 243-252.	1.4	19

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19	Early Neuromuscular Electrical Stimulation in Addition to Early Mobilization Improves Functional Status and Decreases Hospitalization Days of Critically Ill Patients. <i>Critical Care Medicine</i> , 2022, 50, 1116-1126.	0.9	19
20	Evaluation of therapeutic ultrasound equipments performance. <i>Ultrasonics</i> , 2010, 50, 704-709.	3.9	18
21	Reliability of Bidirectional and Variable Opening Equipment for the Measurement of Pelvic Floor Muscle Strength. <i>PM and R</i> , 2011, 3, 21-26.	1.6	17
22	Sensory and Motor Thresholds of Transcutaneous Electrical Stimulation Are Influenced by Gender and Age. <i>PM and R</i> , 2015, 7, 42-47.	1.6	17
23	Radiant Power Determination of Low-Level Laser Therapy Equipment and Characterization of Its Clinical Use Procedures. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 633-639.	2.0	16
24	Intra- and Inter-rater Reliability of Peripheral Arterial Blood Flow Velocity by Means of Doppler Ultrasound. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2017, 40, 236-240.	0.9	16
25	Reduction in handgrip strength and electromyographic activity in women with breast cancer. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2018, 31, 447-452.	1.1	16
26	Effects of transcutaneous electrical nervous stimulation (TENS) associated with vocal therapy on musculoskeletal pain of women with behavioral dysphonia: A randomized, placebo-controlled double-blind clinical trial. <i>Journal of Communication Disorders</i> , 2019, 82, 105923.	1.5	16
27	Evaluation of the acoustic intensity of new ultrasound therapy equipment. <i>Ultrasonics</i> , 2002, 39, 553-557.	3.9	15
28	Immediate Effects of Electrical Stimulation, Diathermy, and Physical Exercise on Lower Limb Arterial Blood Flow in Diabetic Women With Peripheral Arterial Disease: A Randomized Crossover Trial. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2015, 38, 195-202.	0.9	15
29	High-voltage electric stimulation of the donor site of skin grafts accelerates the healing process. A randomized blinded clinical trial. <i>Burns</i> , 2018, 44, 636-645.	1.9	15
30	Analysis of low-level laser transmission at wavelengths 660, 830 and 904nm in biological tissue samples. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 209, 111914.	3.8	15
31	LLLT activates MMP-2 and increases muscle mechanical resistance after nerve sciatic rat regeneration. <i>Lasers in Medical Science</i> , 2017, 32, 771-778.	2.1	14
32	Efficacy of low-level laser therapy associated to orthoses for patients with carpal tunnel syndrome: A randomized single-blinded controlled trial. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2016, 29, 459-466.	1.1	13
33	Effects of Complex Physical Therapy and Multimodal Approaches on Lymphedema Secondary to Breast Cancer: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 353-363.	0.9	13
34	Cold-water immersion alters muscle recruitment and balance of basketball players during vertical jump landing. <i>Journal of Sports Sciences</i> , 2016, 34, 348-357.	2.0	12
35	Curto período de imobilização provoca alterações morfológicas e mecânicas no músculo de rato. <i>Brazilian Journal of Physical Therapy</i> , 2007, 11, 297-302.	2.5	11
36	In Vitro Analysis of Bacterial Morphology by Atomic Force Microscopy of Low Level Laser Therapy 660, 830 and 904nm. <i>Photomedicine and Laser Surgery</i> , 2012, 30, 281-285.	2.0	11

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37	Calibration of Therapeutic Ultrasound Equipment. <i>Physiotherapy</i> , 1997, 83, 419-422.	0.4	10
38	Clinical trial registration in physiotherapy journals: recommendations from the International Society of Physiotherapy Journal Editors. <i>Journal of Physiotherapy</i> , 2012, 58, 211-213.	1.7	10
39	Decrease in Talocrural Joint Mobility is Related to Alteration of the Arterial Blood Flow Velocity in the Lower Limb in Diabetic Women. <i>Journal of Physical Therapy Science</i> , 2014, 26, 553-556.	0.6	10
40	Polarized currents inhibit in vitro growth of bacteria colonizing cutaneous ulcers. <i>Wound Repair and Regeneration</i> , 2015, 23, 403-411.	3.0	10
41	The forearm positioning changes electromyographic activity of upper limb muscles and handgrip strength in the task of pushing a load cart. <i>Journal of Bodywork and Movement Therapies</i> , 2015, 19, 597-603.	1.2	10
42	Effect of Low-Level Laser Therapy and Strength Training Protocol on Hand Grip by Dynamometry. <i>Journal of Lasers in Medical Sciences</i> , 2017, 8, 112-117.	1.2	10
43	Avaliação da sinergia da musculatura abdomino-pélvica em nulíparas com eletromiografia e biofeedback perineal. <i>Revista Brasileira De Ginecologia E Obstetrícia</i> , 2005, 27, 210.	0.8	9
44	Estimulação elétrica de alta voltagem como alternativa para o tratamento de úlceras crônicas de membros inferiores. <i>Anais Brasileiros De Dermatologia</i> , 2010, 85, 567-569.	1.1	9
45	Analysis of Low-Level Laser Radiation Transmission in Occlusive Dressings. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 459-463.	2.0	9
46	Photobiomodulation laser and pulsed electrical field increase the viability of the musculocutaneous flap in diabetic rats. <i>Lasers in Medical Science</i> , 2017, 32, 641-648.	2.1	9
47	Application of shortwave diathermy to lower limb increases arterial blood flow velocity and skin temperature in women: a randomized controlled trial. <i>Brazilian Journal of Physical Therapy</i> , 2017, 21, 127-137.	2.5	9
48	Correlation between skin temperature in the lower limbs and biochemical marker, performance data, and clinical recovery scales. <i>PLoS ONE</i> , 2021, 16, e0248653.	2.5	9
49	Resistência elétrica dos gêmeos utilizados em eletroterapia no acoplamento eletrodo-pele. <i>Brazilian Journal of Physical Therapy</i> , 2009, 13, 499-505.	2.5	8
50	Efeito do laser de baixa intensidade (660 nm) na regeneração do nervo isquiático lesado em ratos. <i>Fisioterapia E Pesquisa</i> , 2010, 17, 294-299.	0.1	8
51	Clinical trial registration in physiotherapy journals: Recommendations from the International Society of Physiotherapy Journal Editors. <i>Manual Therapy</i> , 2013, 18, 1-3.	1.6	8
52	Intra- and Inter-Rater Reliability of Bioimpedance in the Evaluation of Lymphedema Secondary to Treatment of Breast Cancer. <i>Lymphatic Research and Biology</i> , 2018, 16, 282-286.	1.1	8
53	Photobiomodulation in Sciatic Nerve Crush Injuries in Rodents: A Systematic Review of the Literature and Perspectives for Clinical Treatment. <i>Journal of Lasers in Medical Sciences</i> , 2020, 11, 332-344.	1.2	8
54	Effectiveness of low-level laser therapy for patients with carpal tunnel syndrome: design of a randomized single-blinded controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 248.	1.9	7

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55	Lack of Maintenance of Shortwave Diathermy Equipment Has a Negative Impact on Power Output. <i>Journal of Physical Therapy Science</i> , 2014, 26, 557-562.	0.6	7
56	Photobiomodulation by light emitting diode applied sequentially does not alter performance in cycling athletes. <i>Lasers in Medical Science</i> , 2020, 35, 1769-1779.	2.1	7
57	Clinical trial registration in physical therapy journals: recommendations from the International Society of Physiotherapy Journal Editors. <i>Brazilian Journal of Physical Therapy</i> , 2012, 16, v-ix.	2.5	7
58	Clinical Trial Registration in Physiotherapy Journals: Recommendations from the International Society of Physiotherapy Journal Editors. <i>Physiotherapy Canada</i> <i>Physiotherapie Canada</i> , 2013, 65, 109-112.	0.6	6
59	Cold water immersion of the ankle decreases neuromuscular response of lower limb after inversion movement. <i>Brazilian Journal of Physical Therapy</i> , 2014, 18, 93-97.	2.5	6
60	Manual Lymphatic Drainage in Blood Circulation of Upper Limb With Lymphedema After Breast Cancer Surgery. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2017, 40, 246-249.	0.9	6
61	Analysis of chronic myofascial pain in the upper trapezius muscle of breast cancer survivors and women with neck pain. <i>Journal of Bodywork and Movement Therapies</i> , 2018, 22, 237-241.	1.2	6
62	Effect of High Voltage Pulsed Current on the integration of total skin grafts in rats submitted to nicotine action. <i>Journal of Tissue Viability</i> , 2019, 28, 161-166.	2.0	6
63	Efeitos da estimulaç�o el�trica neuromuscular sobre o membro posterior imobilizado de ratos durante 15 dias: an�lises metab�licas e morfom�tricas. <i>Brazilian Journal of Physical Therapy</i> , 2006, 10, 297.	2.5	5
64	Photobiomodulation Increases Viability in Full-Thickness Grafts in Rats Submitted to Nicotine. <i>Lasers in Surgery and Medicine</i> , 2020, 52, 449-455.	2.1	5
65	Reliability of pressure pain threshold on myofascial trigger points in the trapezius muscle of women with chronic neck pain. <i>Revista Da Associaç�o M�dica Brasileira</i> , 2021, 67, 708-712.	0.7	5
66	Metabolic and morphometric alterations inherent to neuromuscular electric stimulation in the antagonist muscle submitted to ankle joint immobilization. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 85-91.	0.5	4
67	Clinical Trial Registration in Physiotherapy Journals: Recommendations From the International Society of Physiotherapy Journal Editors. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2012, 42, 978-981.	3.5	4
68	Proposal of non-invasive experimental model to induce scoliosis in rats. <i>Brazilian Journal of Physical Therapy</i> , 2012, 16, 254-260.	2.5	4
69	Electrical impedance of the torso is associated with the pressure pain threshold on myofascial trigger points in patients with chronic neck pain: A cross-sectional study. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2018, 31, 275-284.	1.1	4
70	Psychometric properties of the Brazilian short-version of the Northwick Park Neck Pain Questionnaire. <i>Clinical Rehabilitation</i> , 2022, 36, 980-992.	2.2	4
71	Efeitos da estimulaç�o el�trica neuromuscular no m�sculo s�leo de ratos: an�lise morfom�trica e metab�lica. <i>Acta Ortopedica Brasileira</i> , 2008, 16, 238-241.	0.5	3
72	Influence of visual feedback on pelvic floor muscle strength. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2010, 151, 217-220.	1.1	3

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73	Estimulaç�o el�trica de alta voltagem em nervo ci�tico de ratos: estudo pelo IFC. Acta Ortopedica Brasileira, 2012, 20, 93-97.	0.5	3
74	On the effect of thermal agents in the response of the brachial biceps at different contraction levels. Journal of Electromyography and Kinesiology, 2014, 24, 881-887.	1.7	3
75	Acute application of photobiomodulation does not bring important gains for the muscular performance and functionality of diabetic individuals. Lasers in Medical Science, 2020, 36, 995-1002.	2.1	3
76	Does sensorimotor training influence neuromuscular responses, balance, and quality of life in diabetics without a history of diabetic distal polyneuropathy?. Journal of Bodywork and Movement Therapies, 2021, 27, 148-156.	1.2	3
77	Inhibition of bacterial growth through LED (light-emitting diode) 465 and 630�nm: in vitro. Lasers in Medical Science, 2022, 37, 2439-2447.	2.1	3
78	Laser light sources for photobiomodulation: The role of power and beam characterization in treatment accuracy and reliability. PLoS ONE, 2022, 17, e0266193.	2.5	3
79	Relationship between pressure and thermal pain threshold, pain intensity, catastrophizing, disability, and skin temperature over myofascial trigger point in individuals with neck pain. Revista Da Associaç�o M�dica Brasileira, 2021, 67, 1798-1803.	0.7	3
80	Ultrassom est�tico e terapia manual para tratamento da enxaqueca refrat�ria. Relato de caso. Revista Dor, 2012, 13, 80-84.	0.1	2
81	Efeito da crioterapia na resposta eletromiogr�fica dos m�sculos tibial anterior, fibular longo e gastrocnemio lateral de atletas ap�s o movimento de invers�o do tornozelo. Fisioterapia E Pesquisa, 2013, 20, 316-321.	0.1	2
82	The influence of different non-articular proximal forearm orthoses (brace) widths in the wrist extensors muscle activity, range of motion and grip strength in healthy volunteers. Journal of Back and Musculoskeletal Rehabilitation, 2016, 30, 145-151.	1.1	2
83	Combination of therapeutic ultrasound with antibiotics interfere with the growth of bacterial culture that colonizes skin ulcers: An in-vitro study. Ultrasonics Sonochemistry, 2016, 32, 284-289.	8.2	2
84	Analysis of peak plantar pressure and center of pressure oscillation in individuals with chronic neck pain: A cross-sectional study. Journal of Back and Musculoskeletal Rehabilitation, 2017, 30, 1259-1264.	1.1	2
85	Thermographic Characterization of Cutaneous Ulcers of Different Etiologies. Journal of Medical Systems, 2020, 44, 160.	3.6	2
86	Measurement of Physical Parameters and Development of a Light Emitting Diodes Device for Therapeutic Use. Journal of Medical Systems, 2020, 44, 88.	3.6	2
87	The effect of proprioceptive training on postural control in people with diabetes: A randomized clinical trial comparing delivery at home, under supervision, or no training. Clinical Rehabilitation, 2021, 35, 988-998.	2.2	2
88	Lower limb ice application alters ground reaction force during gait initiation. Brazilian Journal of Physical Therapy, 2015, 19, 114-121.	2.5	1
89	Blood Flow Velocity in Brachial and Subclavian Vessels Immediately After Compressive Procedures for Treatment of Postcancer Therapy Lymphedema in Breast Cancer: A Randomized Blind Clinical Trial. Lymphatic Research and Biology, 2017, 15, 23-31.	1.1	1
90	Relationship between lymphedema after breast cancer treatment and biophysical characteristics of the affected tissue. PLoS ONE, 2022, 17, e0264160.	2.5	1

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91	Correlation between the range of motion of the tibiotarsal joint and blood circulation in the lower limbs in diabetic individuals. Revista Da Associação Médica Brasileira, 2022, 68, 356-361.	0.7	1
92	L'enregistrement des essais cliniques dans les revues de physiothérapie: recommandations de l'International Society of Physiotherapy Journal Editors. Physiotherapy Canada Physiotherapie Canada, 2013, 65, 112-115.	0.6	0
93	Estimulação elétrica de alta voltagem incrementa a cicatrização de lesões cutâneas crônicas: análise de seis casos. Fisioterapia E Pesquisa, 2013, 20, 286-292.	0.1	0
94	Alteration of Blood Circulation in the Upper Limb Before and After Surgery for Breast Cancer Associated with Axillary Lymph Node Dissection or Sentinel Lymph Node Biopsy. Lymphatic Research and Biology, 2017, 15, 343-348.	1.1	0
95	Reliability of skin impedance in subjects with chronic neck pain. Journal of Back and Musculoskeletal Rehabilitation, 2018, 31, 331-336.	1.1	0
96	Do muscular strength and jump power tests reflect the effectiveness of training programs for basketball athletes?. Motriz Revista De Educacao Fisica, 2018, 24, .	0.2	0
97	Location of Reference Electrode Does Not Interfere on Electromyographic Parameters in the Domains of Time and Frequency. Journal of Medical Systems, 2018, 42, 173.	3.6	0
98	Fóruns nacionais de pesquisa e pós-graduação stricto sensu em fisioterapia. Brazilian Journal of Physical Therapy, 2007, 11, v-vi.	2.5	0
99	Projeto de pesquisa multicêntrico: um desafio. Brazilian Journal of Physical Therapy, 0, , .	2.5	0
100	Perspectives and challenges of the triennium 2010-2012 for the postgraduate programs of the area 21 by CAPES. Brazilian Journal of Physical Therapy, 0, , .	2.5	0
101	Frequência de instabilidade lateral crônica do tornozelo de atletas de basquetebol: análise com o questionário FAOS. ConScientiae Saúde, 2012, 11, 68-75.	0.1	0
102	Clinical trial registration in physiotherapy journals: recommendations from the International Society of Physiotherapy Journal Editors. Fisioterapia E Pesquisa, 2012, 19, 299-302.	0.1	0
103	Recommendations From the International Society of Physiotherapy Journal Editors: Clinical Trial Registration in Physiotherapy Journals. Journal, Physical Therapy Education, 2013, 27, 7-9.	0.7	0
104	O início do processo de internacionalização. Fisioterapia E Pesquisa, 2013, 20, 1-1.	0.1	0
105	A avaliação trienal dos programas de pós-graduação da Área 21. Fisioterapia E Pesquisa, 2013, 20, 307-307.	0.1	0
106	Disuse induced by the spine rectification vest: experimental study. Fisioterapia E Pesquisa, 2014, 21, 21-26.	0.1	0
107	Comparison of the electromyographic variables at different muscle lengths and contraction intensities. Electromyography and Clinical Neurophysiology, 2008, 48, 3-8.	0.2	0
108	Reliability of quantitative sensory testing on myofascial trigger points in the upper trapezius muscle of individuals with chronic neck pain. Revista Da Associação Médica Brasileira, 2022, 68, 56-60.	0.7	0

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109	Intra- and inter-examiner reliability of digital images of skin donor areas in burns. Revista Da Associa�o M�dica Brasileira, 2022, 68, 367-371.	0.7	0