

# Rinaldo Roberto de Jesus Guirro

## List of Publications by Year in descending order

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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	Effects of Complex Physical Therapy and Multimodal Approaches on Lymphedema Secondary to Breast Cancer: A Systematic Review and Meta-analysis of Randomized Controlled Trials. Archives of Physical Medicine and Rehabilitation, 2022, 103, 353-363.	0.9	13
2	Inhibition of bacterial growth through LED (light-emitting diode) 465 and 630Ånm: in vitro. Lasers in Medical Science, 2022, 37, 2439-2447.	2.1	3
3	Reliability of quantitative sensory testing on myofascial trigger points in the upper trapezius muscle of individuals with chronic neck pain. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2022, 68, 56-60.	0.7	0
4	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
5	Psychometric properties of the Brazilian short-version of the Northwick Park Neck Pain Questionnaire. Clinical Rehabilitation, 2022, 36, 980-992.	2.2	4
6	Early Neuromuscular Electrical Stimulation in Addition to Early Mobilization Improves Functional Status and Decreases Hospitalization Days of Critically Ill Patients. Critical Care Medicine, 2022, 50, 1116-1126.	0.9	19
7	Relationship between lymphedema after breast cancer treatment and biophysical characteristics of the affected tissue. PLoS ONE, 2022, 17, e0264160.	2.5	1
8	Correlation between the range of motion of the tibiotarsal joint and blood circulation in the lower limbs in diabetic individuals. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2022, 68, 356-361.	0.7	1
9	Intra- and inter-examiner reliability of digital images of skin donor areas in burns. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2022, 68, 367-371.	0.7	0
10	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
11	Correlation between skin temperature in the lower limbs and biochemical marker, performance data, and clinical recovery scales. PLoS ONE, 2021, 16, e0248653.	2.5	9
12	Reliability of pressure pain threshold on myofascial trigger points in the trapezius muscle of women with chronic neck pain. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2021, 67, 708-712.	0.7	5
13	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
14	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 AssociaÃ§Ã£o MÃ©dica Brasileira, 2021, 67, 1798-1803.	0.7	3
15	Photobiomodulation Increases Viability in Full-thickness Grafts in Rats Submitted to Nicotine. Lasers in Surgery and Medicine, 2020, 52, 449-455.	2.1	5
16	Thermographic Characterization of Cutaneous Ulcers of Different Etiologies. Journal of Medical Systems, 2020, 44, 160.	3.6	2
17	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
18	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

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19	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
20	Analysis of low-level laser transmission at wavelengths 660, 830 and 904Ånm in biological tissue samples. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 209, 111914.	3.8	15
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	Reliability of skin impedance in subjects with chronic neck pain. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2018, 31, 331-336.	1.1	0
32	Do muscular strength and jump power tests reflect the effectiveness of training programs for basketball athletes?. <i>Motriz Revista De Educacao Fisica</i> , 2018, 24, .	0.2	0
33	Location of Reference Electrode Does Not Interfere on Electromyographic Parameters in the Domains of Time and Frequency. <i>Journal of Medical Systems</i> , 2018, 42, 173.	3.6	0
34	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
35	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. <i>Lymphatic Research and Biology</i> , 2017, 15, 23-31.	1.1	1
36	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

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37	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
38	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
39	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
40	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
41	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
42	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. <i>Lymphatic Research and Biology</i> , 2017, 15, 343-348.	1.1	0
43	Analysis of peak plantar pressure and center of pressure oscillation in individuals with chronic neck pain: A cross-sectional study. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2017, 30, 1259-1264.	1.1	2
44	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
45	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
46	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
47	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. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2016, 30, 145-151.	1.1	2
48	Combination of therapeutic ultrasound with antibiotics interfere with the growth of bacterial culture that colonizes skin ulcers: An in-vitro study. <i>Ultrasonics Sonochemistry</i> , 2016, 32, 284-289.	8.2	2
49	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
50	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
51	Polarized currents inhibit in vitro growth of bacteria colonizing cutaneous ulcers. <i>Wound Repair and Regeneration</i> , 2015, 23, 403-411.	3.0	10
52	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
53	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
54	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

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55	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
56	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
57	Lower limb ice application alters ground reaction force during gait initiation. <i>Brazilian Journal of Physical Therapy</i> , 2015, 19, 114-121.	2.5	1
58	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
59	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
60	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
61	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
62	On the effect of thermal agents in the response of the brachial biceps at different contraction levels. <i>Journal of Electromyography and Kinesiology</i> , 2014, 24, 881-887.	1.7	3
63	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
64	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
65	Disuse induced by the spine rectification vest: experimental study. <i>Fisioterapia E Pesquisa</i> , 2014, 21, 21-26.	0.1	0
66	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
67	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
68	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
69	L'enregistrement des essais cliniques dans les revues de physiothérapie: recommandations de l'International Society of Physiotherapy Journal Editors. <i>Physiotherapy Canada</i> <i>Physiotherapie Canada</i> , 2013, 65, 112-115.	0.6	0
70	Efeito da crioterapia na resposta eletromiográfica dos músculos tibial anterior, fibular longo e gastrocnêmio lateral de atletas após o movimento de inversão do tornozelo. <i>Fisioterapia E Pesquisa</i> , 2013, 20, 316-321.	0.1	2
71	Estimulação elétrica de alta voltagem incrementa a cicatrização de lesões cutâneas crônicas: análise de seis casos. <i>Fisioterapia E Pesquisa</i> , 2013, 20, 286-292.	0.1	0
72	Recommendations From the International Society of Physiotherapy Journal Editors: Clinical Trial Registration in Physiotherapy Journals. <i>Journal, Physical Therapy Education</i> , 2013, 27, 7-9.	0.7	0

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73	O inÃ¡cio do processo de internacionalizaÃ§Ã£o. Fisioterapia E Pesquisa, 2013, 20, 1-1.	0.1	0
74	A avaliaÃ§Ã£o trienal dos programas de pÃ³s-graduaÃ§Ã£o da Ã¡rea 21. Fisioterapia E Pesquisa, 2013, 20, 307-307.	0.1	0
75	Clinical Trial Registration in Physiotherapy Journals: Recommendations From the International Society of Physiotherapy Journal Editors. Journal of Orthopaedic and Sports Physical Therapy, 2012, 42, 978-981.	3.5	4
76	<i>In Vitro</i> Analysis of Bacterial Morphology by Atomic Force Microscopy of Low Level Laser Therapy 660, 830 and 904nm. Photomedicine and Laser Surgery, 2012, 30, 281-285.	2.0	11
77	Clinical trial registration in physiotherapy journals: recommendations from the International Society of Physiotherapy Journal Editors. Journal of Physiotherapy, 2012, 58, 211-213.	1.7	10
78	Effectiveness of low-level laser therapy for patients with carpal tunnel syndrome: design of a randomized single-blinded controlled trial. BMC Musculoskeletal Disorders, 2012, 13, 248.	1.9	7
79	EstimulaÃ§Ã£o elÃ©trica de alta voltagem em nervo ciÃ¡tico de ratos: estudo pelo IFC. Acta Ortopedica Brasileira, 2012, 20, 93-97.	0.5	3
80	Comparison of active and passive forces of the pelvic floor muscles in women with and without stress urinary incontinence. Brazilian Journal of Physical Therapy, 2012, 16, 314-319.	2.5	28
81	Ultrassom estÃ¡tico e terapia manual para tratamento da enxaqueca refratÃ¡ria. Relato de caso. Revista Dor, 2012, 13, 80-84.	0.1	2
82	Proposal of non-invasive experimental model to induce scoliosis in rats. Brazilian Journal of Physical Therapy, 2012, 16, 254-260.	2.5	4
83	Clinical trial registration in physical therapy journals: recommendations from the International Society of Physiotherapy Journal Editors. Brazilian Journal of Physical Therapy, 2012, 16, v-ix.	2.5	7
84	FrequÃªncia de instabilidade lateral crÃ¢nica do tornozelo de atletas de basquetebol: anÃ¡lise com o questionÃ¡rio FAOS. ConScientiae SaÃºde, 2012, 11, 68-75.	0.1	0
85	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
86	Reliability of Bidirectional and Variable-Opening Equipment for the Measurement of Pelvic Floor Muscle Strength. PM and R, 2011, 3, 21-26.	1.6	17
87	Comparative effects of wavelengths of low-power laser in regeneration of sciatic nerve in rats following crushing lesion. Lasers in Medical Science, 2010, 25, 423-430.	2.1	98
88	Evaluation of therapeutic ultrasound equipments performance. Ultrasonics, 2010, 50, 704-709.	3.9	18
89	EstimulaÃ§Ã£o elÃ©trica de alta voltagem como alternativa para o tratamento de Ãºlceras crÃ¢nicas de membros inferiores. Anais Brasileiros De Dermatologia, 2010, 85, 567-569.	1.1	9
90	Efeito do laser de baixa intensidade (660 nm) na regeneraÃ§Ã£o do nervo isquiÃ¡tico lesado em ratos. Fisioterapia E Pesquisa, 2010, 17, 294-299.	0.1	8

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91	Postura crânio-cervical em mulheres disfuncionais. Revista Da Sociedade Brasileira De Fonoaudiologia, 2010, 15, 329-334.	0.3	25
92	Analysis of Low-Level Laser Radiation Transmission in Occlusive Dressings. Photomedicine and Laser Surgery, 2010, 28, 459-463.	2.0	9
93	Influence of visual feedback on pelvic floor muscle strength. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2010, 151, 217-220.	1.1	3
94	Metabolic and morphometric alterations inherent to neuromuscular electric stimulation in the antagonist muscle submitted to ankle joint immobilization. Brazilian Archives of Biology and Technology, 2009, 52, 85-91.	0.5	4
95	Resistência elétrica dos géis e lâminas utilizados em eletroterapia no acoplamento eletrodo-pele. Brazilian Journal of Physical Therapy, 2009, 13, 499-505.	2.5	8
96	Radiant Power Determination of Low-Level Laser Therapy Equipment and Characterization of Its Clinical Use Procedures. Photomedicine and Laser Surgery, 2009, 27, 633-639.	2.0	16
97	Estimulação elétrica nervosa transcutânea em mulheres disfuncionais. Pró-fono: Revista De Atualização Científica, 2008, 20, 189-194.	0.5	31
98	Efeitos da estimulação elétrica neuromuscular no músculo sáquio de ratos: análise morfológica e metabólica. Acta Ortopédica Brasileira, 2008, 16, 238-241.	0.5	3
99	Comparison of the electromyographic variables at different muscle lengths and contraction intensities. Electromyography and Clinical Neurophysiology, 2008, 48, 3-8.	0.2	0
100	Curto período de imobilização provoca alterações morfológicas e mecânicas no músculo de rato. Brazilian Journal of Physical Therapy, 2007, 11, 297-302.	2.5	11
101	Fóruns nacionais de pesquisa e pós-graduação stricto sensu em fisioterapia. Brazilian Journal of Physical Therapy, 2007, 11, v-vi.	2.5	0
102	Efeitos da estimulação elétrica neuromuscular sobre o membro posterior imobilizado de ratos durante 15 dias: análises metabólicas e morfológicas. Brazilian Journal of Physical Therapy, 2006, 10, 297.	2.5	5
103	Rat hindlimb joint immobilization with acrylic resin orthoses. Brazilian Journal of Medical and Biological Research, 2006, 39, 979-985.	1.5	30
104	Avaliação da sinergia da musculatura abdomino-pélvica em nulíparas com eletromiografia e biofeedback perineal. Revista Brasileira De Ginecologia E Obstetria, 2005, 27, 210.	0.8	9
105	A physiotherapeutic approach to craniomandibular disorders: a case report. Journal of Oral Rehabilitation, 2002, 29, 268-273.	3.0	22
106	Evaluation of the acoustic intensity of new ultrasound therapy equipment. Ultrasonics, 2002, 39, 553-557.	3.9	15
107	Calibration of Therapeutic Ultrasound Equipment. Physiotherapy, 1997, 83, 419-422.	0.4	10
108	Projeto de pesquisa multicêntrico: um desafio. Brazilian Journal of Physical Therapy, 0, , .	2.5	0

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109	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