

# Thiago Luiz Russo

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

967  
citations

489802

18  
h-index

563245

28  
g-index

69  
all docs

69  
docs citations

69  
times ranked

1305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Concurrent validity and reliability of an activity monitoring for rehabilitation (AMoR) platform for step counting and sitting/lying time in post-stroke individuals. <i>Topics in Stroke Rehabilitation</i> , 2022, 29, 103-113.	1.0	2
2	Serum activity of matrix metalloproteinase-2 and -9 is increased in chronic post-stroke individuals: a cross-sectional exploratory study. <i>Topics in Stroke Rehabilitation</i> , 2022, 29, 605-615.	1.0	6
3	Clinical-like cryotherapy in acute knee arthritis of the knee improves inflammation signs, pain, joint swelling, and motor performance in mice. <i>PLoS ONE</i> , 2022, 17, e0261667.	1.1	0
4	Clinical-Like Cryotherapy in Acute Knee Arthritis Protects Neuromuscular Junctions of Quadriceps and Reduces Joint Inflammation in Mice. <i>BioMed Research International</i> , 2022, 2022, 1-9.	0.9	2
5	Lower Extremity Constraint-Induced Movement Therapy Increase Variability in the Intra-Limb Coordination during Walking in Chronic Post-Stroke. <i>Ecological Psychology</i> , 2022, 34, 109-131.	0.7	4
6	Effects of respiratory muscle training on parasympathetic activity in diabetes mellitus. <i>Brazilian Journal of Medical and Biological Research</i> , 2021, 54, e10865.	0.7	1
7	Noninvasive Intracranial Pressure Monitoring in Chronic Stroke Patients with Sedentary Behavior: A Pilot Study. <i>Acta Neurochirurgica Supplementum</i> , 2021, 131, 55-58.	0.5	4
8	Neuronal activation of cerebellum functional circuits in motor and non-motor functions in mice. <i>Neuroscience Letters</i> , 2021, 765, 136271.	1.0	0
9	Adiponectin Concentration and Chronic Stroke Individuals, Associations with Body Composition, Physical Activity Levels and Lipid Profile: A Cross-Sectional Explorative Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105993.	0.7	2
10	Prognostic molecular markers for motor recovery in acute hemorrhagic stroke: A systematic review. <i>Clinica Chimica Acta</i> , 2021, 522, 45-60.	0.5	3
11	Intracranial Compliance Concepts and Assessment: A Scoping Review. <i>Frontiers in Neurology</i> , 2021, 12, 756112.	1.1	22
12	The Effect of Priming on Outcomes of Task-Oriented Training for the Upper Extremity in Chronic Stroke: A Systematic Review and Meta-analysis. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 479-504.	1.4	16
13	Compensatory neuromuscular junction adaptations of forelimb muscles in focal cortical ischemia in rats. <i>Brain and Behavior</i> , 2020, 10, e01472.	1.0	4
14	Thirty days after anterior cruciate ligament transection is sufficient to induce signs of knee osteoarthritis in rats: pain, functional impairment, and synovial inflammation. <i>Inflammation Research</i> , 2020, 69, 279-288.	1.6	9
15	Underlying mechanisms of oxygen uptake kinetics in chronic post-stroke individuals: A correlational, cross-sectional pilot study. <i>PLoS ONE</i> , 2020, 15, e0241872.	1.1	6
16	Reaching task performance is associated to neuromuscular junction adaptations in rats with induced diabetes mellitus. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e8763.	0.7	5
17	Title is missing!. , 2020, 15, e0241872.		0
18	Title is missing!. , 2020, 15, e0241872.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 15, e0241872.		0
20	Title is missing!. , 2020, 15, e0241872.		0
21	Ankle torque steadiness and gait speed after a single session of robot therapy in individuals with chronic hemiparesis: a pilot study. Topics in Stroke Rehabilitation, 2019, 26, 630-638.	1.0	2
22	Effect of aerobic exercise prior to modified constraint-induced movement therapy outcomes in individuals with chronic hemiparesis: a study protocol for a randomized clinical trial. BMC Neurology, 2019, 19, 196.	0.8	6
23	Energy Cost During the 6-Minute Walk Test and Its Relationship to Real-World Walking After Stroke: A Correlational, Cross-Sectional Pilot Study. Physical Therapy, 2019, 99, 1656-1666.	1.1	8
24	Effects of elastic tape on kinematic parameters during a functional task in chronic hemiparetic subjects: A randomized sham-controlled crossover trial. PLoS ONE, 2019, 14, e0211332.	1.1	4
25	Cryotherapy reduces muscle hypertonia, but does not affect lower limb strength or gait kinematics post-stroke: a randomized controlled crossover study. Topics in Stroke Rehabilitation, 2019, 26, 267-280.	1.0	11
26	Knee osteoarthritis induces atrophy and neuromuscular junction remodeling in the quadriceps and tibialis anterior muscles of rats. Scientific Reports, 2019, 9, 6366.	1.6	33
27	Effects of mesenchymal stromal cells on motor function and collagen in the skeletal muscles of rats with type I diabetes. International Journal of Experimental Pathology, 2019, 100, 359-368.	0.6	3
28	Structural muscular adaptations in upper limb after stroke: a systematic review. Topics in Stroke Rehabilitation, 2019, 26, 73-79.	1.0	11
29	Cryotherapy Reduces Muscle Spasticity But Does Not Affect Proprioception in Ischemic Stroke. American Journal of Physical Medicine and Rehabilitation, 2019, 98, 51-57.	0.7	10
30	Predicting stroke outcome. Neurology, 2019, 92, 157-158.	1.5	7
31	Adaptive Impedance Control Applied to Robot-Aided Neuro-Rehabilitation of the Ankle. IEEE Robotics and Automation Letters, 2019, 4, 185-192.	3.3	46
32	Kinematic Analysis of a Drinking Task in Chronic Hemiparetic Patients Using Features Analysis and Statistical Parametric Mapping. Archives of Physical Medicine and Rehabilitation, 2018, 99, 501-511.e4.	0.5	14
33	Different Error Size During Locomotor Adaptation Affects Transfer to Overground Walking Poststroke. Neurorehabilitation and Neural Repair, 2018, 32, 1020-1030.	1.4	22
34	Post-stroke BDNF Concentration Changes Following Physical Exercise: A Systematic Review. Frontiers in Neurology, 2018, 9, 637.	1.1	41
35	Intracerebellar microinjection of histaminergic compounds on locomotor and exploratory behaviors in mice. Neuroscience Letters, 2018, 687, 10-15.	1.0	1
36	Effects of mesenchymal stromal cells on type 1 diabetes mellitus rat muscles. Muscle and Nerve, 2018, 58, 583-591.	1.0	3

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37	Midfemoral Bone Volume of Walking Subjects with Chronic Hemiparesis Post Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 2208-2213.	0.7	0
38	Electrical stimulation delays reinnervation in denervated rat muscle. <i>Muscle and Nerve</i> , 2017, 56, E108-E118.	1.0	12
39	Electrical Stimulation Based on Chronaxie Increases Fibrosis and Modulates TWEAK/Fn14, TGF- $\beta$ 2/Myostatin, and MMP Pathways in Denervated Muscles. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017, 96, 260-267.	0.7	9
40	Elastic Tape Improved Shoulder Joint Position Sense in Chronic Hemiparetic Subjects: A Randomized Sham-Controlled Crossover Study. <i>PLoS ONE</i> , 2017, 12, e0170368.	1.1	20
41	Torque steadiness and muscle activation are bilaterally impaired during shoulder abduction and flexion in chronic post-stroke subjects. <i>Journal of Electromyography and Kinesiology</i> , 2016, 30, 151-160.	0.7	7
42	Decreased Brain-Derived Neurotrophic Factor Serum Concentrations in Chronic Post-Stroke Subjects. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2968-2974.	0.7	23
43	Intermittent stretching induces fibrosis in denervated rat muscle. <i>Muscle and Nerve</i> , 2016, 53, 118-126.	1.0	13
44	Low-level laser therapy enhances muscle regeneration through modulation of inflammatory markers. <i>Photonics &amp; Lasers in Medicine</i> , 2016, 5, 211-218.	0.3	2
45	Joint position sense is bilaterally reduced for shoulder abduction and flexion in chronic hemiparetic individuals. <i>Topics in Stroke Rehabilitation</i> , 2015, 22, 271-280.	1.0	14
46	Effect of high-voltage electrical stimulation on the albumin and histamine serum concentrations, edema, and pain in acute joint inflammation of rats. <i>Brazilian Journal of Physical Therapy</i> , 2015, 19, 89-96.	1.1	2
47	Intrinsic properties and functional changes in spastic muscle after application of BTX-A in children with cerebral palsy: Systematic review. <i>Developmental Neurorehabilitation</i> , 2015, 18, 1-14.	0.5	15
48	Muscle Atrophy, Voluntary Activation Disturbances, and Low Serum Concentrations of IGF-1 and IGFBP-3 Are Associated With Weakness in People With Chronic Stroke. <i>Physical Therapy</i> , 2014, 94, 957-967.	1.1	39
49	Scapular kinematics and muscle performance in a single case of Parsonageâ€™Turner. <i>Manual Therapy</i> , 2014, 19, 77-81.	1.6	9
50	Neuromuscular electrical stimulation alters gene expression and delays quadriceps muscle atrophy of rats after anterior cruciate ligament transection. <i>Muscle and Nerve</i> , 2014, 49, 120-128.	1.0	20
51	Effect of Low-level Laser Therapy (LLLT) on Acute Neural Recovery and Inflammation-related Gene Expression After Crush Injury in Rat Sciatic Nerve. <i>Lasers in Surgery and Medicine</i> , 2013, 45, 246-252.	1.1	37
52	Effect of tibiotarsal joint inflammation on gene expression and cross-sectional area in rat soleus muscle. <i>Brazilian Journal of Physical Therapy</i> , 2013, 17, 244-254.	1.1	9
53	Quadriceps Muscle Atrophy After Anterior Cruciate Ligament Transection Involves Increased mRNA Levels of Atrogin-1, Muscle Ring Finger 1, and Myostatin. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013, 92, 411-419.	0.7	22
54	Effects of electrical stimulation and stretching on the adaptation of denervated skeletal muscle: implications for physical therapy. <i>Brazilian Journal of Physical Therapy</i> , 2012, 16, 175-183.	1.1	27

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55	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
56	Joint Inflammation Alters Gene and Protein Expression and Leads to Atrophy in the Tibialis Anterior Muscle in Rats. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2011, 90, 930-939.	0.7	21
57	Stretching and electrical stimulation reduce the accumulation of MyoD, myostatin and atrogen-1 in denervated rat skeletal muscle. <i>Journal of Muscle Research and Cell Motility</i> , 2010, 31, 45-57.	0.9	41
58	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
59	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
60	Stretching and electrical stimulation regulate the metalloproteinase-2 in rat denervated skeletal muscle. <i>Neurological Research</i> , 2010, 32, 891-896.	0.6	18
61	Effects of exercise training on atrophy gene expression in skeletal muscle of mice with chronic allergic lung inflammation. <i>Brazilian Journal of Medical and Biological Research</i> , 2009, 42, 339-345.	0.7	7
62	Physical Training Leads to Remodeling of Diaphragm Muscle in Asthma Model. <i>International Journal of Sports Medicine</i> , 2009, 30, 430-434.	0.8	8
63	Muscle and Nerve Responses After Different Intervals of Electrical Stimulation Sessions on Denervated Rat Muscle. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2009, 88, 126-135.	0.7	15
64	Electrical stimulation increases matrix metalloproteinase-2 gene expression but does not change its activity in denervated rat muscle. <i>Muscle and Nerve</i> , 2008, 37, 593-600.	1.0	33
65	Effects of alternagin-C from <i>Bothrops alternatus</i> on gene expression and activity of metalloproteinases in regenerating skeletal muscle. <i>Toxicon</i> , 2008, 52, 687-694.	0.8	17
66	Electrical stimulation based on chronaxie reduces atrogen-1 and myoD gene expressions in denervated rat muscle. <i>Muscle and Nerve</i> , 2007, 35, 87-97.	1.0	46