

Paula Lanna Silva

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

885
citations

471509

17
h-index

526287

27
g-index

59
all docs

59
docs citations

59
times ranked

950
citing authors

#	ARTICLE	IF	CITATIONS
1	Myofascial force transmission between the latissimus dorsi and gluteus maximus muscles: An in vivo experiment. <i>Journal of Biomechanics</i> , 2013, 46, 1003-1007.	2.1	90
2	Period Basin of Entrainment for Unintentional Visual Coordination. <i>Journal of Motor Behavior</i> , 2008, 40, 3-10.	0.9	51
3	“What’s my risk of sustaining an ACL injury while playing football (soccer)?” A systematic review with meta-analysis. <i>British Journal of Sports Medicine</i> , 2019, 53, 1333-1340.	6.7	50
4	Stretching versus strength training in lengthened position in subjects with tight hamstring muscles: A randomized controlled trial. <i>Manual Therapy</i> , 2010, 15, 26-31.	1.6	47
5	Analyses of dynamic co-contraction level in individuals with anterior cruciate ligament injury. <i>Journal of Electromyography and Kinesiology</i> , 2004, 14, 239-247.	1.7	39
6	Haptic selective attention by foot and by hand. <i>Neuroscience Letters</i> , 2007, 419, 5-9.	2.1	37
7	Towards an ecologically grounded functional practice in rehabilitation. <i>Human Movement Science</i> , 2017, 52, 117-132.	1.4	37
8	Brain-Behavior Mechanisms for the Transfer of Neuromuscular Training Adaptions to Simulated Sport: Initial Findings From the Train the Brain Project. <i>Journal of Sport Rehabilitation</i> , 2018, 27, 1-5.	1.0	36
9	An Empirical Illustration and Formalization of the Theory of Direct Learning: The Muscle-Based Perception of Kinetic Properties. <i>Ecological Psychology</i> , 2009, 21, 245-289.	1.1	33
10	Reliability of Foot Posture Index individual and total scores for adults and older adults. <i>Musculoskeletal Science and Practice</i> , 2018, 36, 92-95.	1.3	31
11	Clinical measures of hip and foot ankle mechanics as predictors of rearfoot motion and posture. <i>Manual Therapy</i> , 2014, 19, 379-385.	1.6	29
12	Changes in lower limb co-contraction and stiffness by toddlers with Down syndrome and toddlers with typical development during the acquisition of independent gait. <i>Human Movement Science</i> , 2008, 27, 610-621.	1.4	26
13	Muscular performance characterization in athletes: a new perspective on isokinetic variables. <i>Brazilian Journal of Physical Therapy</i> , 2014, 18, 521-529.	2.5	25
14	Antifragility in sport: Leveraging adversity to enhance performance.. <i>Sport, Exercise, and Performance Psychology</i> , 2018, 7, 342-350.	0.8	25
15	Alterations of stiffness and resting position of the elbow joint following flexors resistance training. <i>Manual Therapy</i> , 2008, 13, 411-418.	1.6	21
16	Muscle-based perception: theory, research and implications for rehabilitation. <i>Brazilian Journal of Physical Therapy</i> , 2008, 12, .	2.5	19
17	Steady-state stress at one hand magnifies the amplitude, stiffness, and non-linearity of oscillatory behavior at the other hand. <i>Neuroscience Letters</i> , 2007, 429, 64-68.	2.1	18
18	Intermittent coupling between grip force and load force during oscillations of a hand-held object. <i>Experimental Brain Research</i> , 2018, 236, 2531-2544.	1.5	17

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19	The dynamics of plant nutation. <i>Scientific Reports</i> , 2020, 10, 19465.	3.3	17
20	Proprioception in Individuals with ACL-Deficient Knee and Good Muscular and Functional Performance. <i>Research in Sports Medicine</i> , 2005, 13, 47-61.	1.3	15
21	Is Tensegrity the Functional Architecture of the Equilibrium Point Hypothesis?. <i>Motor Control</i> , 2010, 14, e35-e40.	0.6	13
22	Variable and intermittent grip force control in response to differing load force dynamics. <i>Experimental Brain Research</i> , 2019, 237, 687-703.	1.5	13
23	Antifragility in Climbing: Determining Optimal Stress Loads for Athletic Performance Training. <i>Frontiers in Psychology</i> , 2020, 11, 272.	2.1	12
24	Contributions of Cocontraction and Eccentric Activity to Stiffness Regulation. <i>Journal of Motor Behavior</i> , 2009, 41, 207-218.	0.9	11
25	Mechanisms contributing to gait speed and metabolic cost in children with unilateral cerebral palsy. <i>Brazilian Journal of Physical Therapy</i> , 2018, 22, 42-48.	2.5	10
26	Complexity in Science Learning: Measuring the Underlying Dynamics of Persistent Mistakes. <i>Journal of Experimental Education</i> , 2020, 88, 448-469.	2.6	10
27	Task dynamics define the contextual emergence of human corralling behaviors. <i>PLoS ONE</i> , 2021, 16, e0260046.	2.5	10
28	Symmetry axiom of Haken-Kelso-Bunz coordination dynamics revisited in the context of cognitive activity. <i>Journal of Mathematical Psychology</i> , 2012, 56, 149-165.	1.8	9
29	The Effect of Walking Speed on Foot Kinematics is Modified When Increased Pronation is Induced. <i>Journal of the American Podiatric Medical Association</i> , 2016, 106, 419-426.	0.3	9
30	Grasping Embodiment: Haptic Feedback for Artificial Limbs. <i>Frontiers in Neurobotics</i> , 2021, 15, 662397.	2.8	9
31	Power at hip, knee and ankle joints are compromised in women with mild and moderate knee osteoarthritis. <i>Clinical Biomechanics</i> , 2012, 27, 1038-1044.	1.2	8
32	Forefoot Midsole Stiffness Affects Forefoot and Rearfoot Kinematics During the Stance Phase of Gait. <i>Journal of the American Podiatric Medical Association</i> , 2014, 104, 183-190.	0.3	8
33	Dynamic touch is affected in children with cerebral palsy. <i>Human Movement Science</i> , 2014, 33, 85-96.	1.4	8
34	Fractal fluctuations in exploratory movements predict differences in dynamic touch capabilities between children with Attention-Deficit Hyperactivity Disorder and typical development. <i>PLoS ONE</i> , 2019, 14, e0217200.	2.5	8
35	The role of haptic information in shaping coordination dynamics: Inertial frame of reference hypothesis. <i>Human Movement Science</i> , 2012, 31, 1014-1036.	1.4	7
36	Assessment of gait in toddlers with normal motor development and in hemiplegic children with mild motor impairment: a validity study. <i>Brazilian Journal of Physical Therapy</i> , 2013, 17, 359-366.	2.5	6

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37	Effects of baby walker use on the development of gait by typically developing toddlers. <i>Gait and Posture</i> , 2020, 76, 231-237.	1.4	6
38	Impact of leg length and body mass on the stride length and gait speed of infants with normal motor development: A longitudinal study. <i>Brazilian Journal of Physical Therapy</i> , 2013, 17, 163-169.	2.5	5
39	Active control stabilization of pelvic position in the transverse plane: An evaluation of soccer players' performance. <i>Physical Therapy in Sport</i> , 2014, 15, 189-193.	1.9	5
40	Upper limb performance and the structuring of joint movement in teenagers with cerebral palsy: the reciprocal role of task demands and action capabilities. <i>Experimental Brain Research</i> , 2015, 233, 1155-1164.	1.5	5
41	Sport-specific virtual reality to identify profiles of anterior cruciate ligament injury risk during unanticipated cutting. , 2017, , .		5
42	Lessons for Dynamic Touch From a Case of Stroke-Induced Motor Impairment. <i>Ecological Psychology</i> , 2009, 21, 291-307.	1.1	4
43	Task difficulty and inertial properties of hand-held tools: An assessment of their concurrent effects on precision aiming. <i>Human Movement Science</i> , 2016, 48, 161-170.	1.4	4
44	Virtual auditory aperture passability. <i>Experimental Brain Research</i> , 2019, 237, 191-200.	1.5	4
45	Children and adolescents with cerebral palsy flexibly adapt grip control in response to variable task demands. <i>Clinical Biomechanics</i> , 2020, 80, 105149.	1.2	4
46	The Intelligent Phenotypic Plasticity Platform (IP3) for Precision Medicine-Based Injury Prevention in Sport. <i>Methods in Molecular Biology</i> , 2022, 2393, 877-903.	0.9	4
47	Narrowing the physiotherapy knowledge-practice gap: faculty training beyond the health sciences. <i>Physiotherapy Theory and Practice</i> , 2022, , 1-15.	1.3	4
48	External rotation elastic bands at the lower limb decrease rearfoot eversion during walking: a preliminary proof of concept. <i>Brazilian Journal of Physical Therapy</i> , 2016, 20, 571-579.	2.5	3
49	Child-Caregiver Interactions During a Collaborative Motor Task in Children with Cerebral Palsy: A Descriptive Exploratory Study. <i>Journal of Developmental and Physical Disabilities</i> , 2022, 34, 255-277.	1.6	3
50	Hip external rotation isometric torque for soccer, basketball, and volleyball athletes: normative data and asymmetry index. <i>Brazilian Journal of Physical Therapy</i> , 2022, 26, 100391.	2.5	3
51	Flexible organization of grip force control during movement frequency scaling. <i>Journal of Neurophysiology</i> , 2019, 122, 2304-2315.	1.8	2
52	Early learning differences between intra- and interpersonal interlimb coordination. <i>Human Movement Science</i> , 2020, 73, 102682.	1.4	1
53	Unpredictable task demands and motor performance in individuals with neuromotor disability: a scoping review. <i>Physical Therapy Reviews</i> , 2021, 26, 177-187.	0.8	1
54	Grip force anticipation of nonlinear, underactuated load force. <i>Journal of Neurophysiology</i> , 2021, 125, 1647-1662.	1.8	1

#	ARTICLE	IF	CITATIONS
55	Response to Letter to the Editor concerning "Reliability of Foot Posture Index individual and total scores for adults and older people", <i>Musculoskeletal Science and Practice</i> , 2018, 37, e82.	1.3	0