Paula Lanna Silva

List of Publications by Year
in descending order

55	885	471509 17	526287 27
papers	citations	h-index	g-index

59	59	59	950
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Child-Caregiver Interactions During a Collaborative Motor Task in Children with Cerebral Palsy: A Descriptive Exploratory Study. Journal of Developmental and Physical Disabilities, 2022, 34, 255-277.	1.6	3
2	The Intelligent Phenotypic Plasticity Platform (IP3) for Precision Medicine-Based Injury Prevention in Sport. Methods in Molecular Biology, 2022, 2393, 877-903.	0.9	4
3	Narrowing the physiotherapy knowledge-practice gap: faculty training beyond the health sciences. Physiotherapy Theory and Practice, 2022, , 1-15.	1.3	4
4	Hip external rotation isometric torque for soccer, basketball, and volleyball athletes: normative data and asymmetry index. Brazilian Journal of Physical Therapy, 2022, 26, 100391.	2.5	3
5	Unpredictable task demands and motor performance in individuals with neuromotor disability: a scoping review. Physical Therapy Reviews, 2021, 26, 177-187.	0.8	1
6	Grasping Embodiment: Haptic Feedback for Artificial Limbs. Frontiers in Neurorobotics, 2021, 15, 662397.	2.8	9
7	Grip force anticipation of nonlinear, underactuated load force. Journal of Neurophysiology, 2021, 125, 1647-1662.	1.8	1
8	Task dynamics define the contextual emergence of human corralling behaviors. PLoS ONE, 2021, 16, e0260046.	2.5	10
9	Complexity in Science Learning: Measuring the Underlying Dynamics of Persistent Mistakes. Journal of Experimental Education, 2020, 88, 448-469.	2.6	10
10	Effects of baby walker use on the development of gait by typically developing toddlers. Gait and Posture, 2020, 76, 231-237.	1.4	6
11	The dynamics of plant nutation. Scientific Reports, 2020, 10, 19465.	3.3	17
12	Children and adolescents with cerebral palsy flexibly adapt grip control in response to variable task demands. Clinical Biomechanics, 2020, 80, 105149.	1.2	4
13	Early learning differences between intra- and interpersonal interlimb coordination. Human Movement Science, 2020, 73, 102682.	1.4	1
14	Antifragility in Climbing: Determining Optimal Stress Loads for Athletic Performance Training. Frontiers in Psychology, 2020, 11, 272.	2.1	12
15	Flexible organization of grip force control during movement frequency scaling. Journal of Neurophysiology, 2019, 122, 2304-2315.	1.8	2
16	Fractal fluctuations in exploratory movements predict differences in dynamic touch capabilities between children with Attention-Deficit Hyperactivity Disorder and typical development. PLoS ONE, 2019, 14, e0217200.	2.5	8
17	Variable and intermittent grip force control in response to differing load force dynamics. Experimental Brain Research, 2019, 237, 687-703.	1.5	13
18	Virtual auditory aperture passability. Experimental Brain Research, 2019, 237, 191-200.	1.5	4

#	Article	IF	Citations
19	â€˜Whatâ€™s my risk of sustaining an ACL injury while playing football (soccer)?â€™ A systematic review with meta-analysis. British Journal of Sports Medicine, 2019, 53, 1333-1340.	6.7	50
20	Reliability of Foot Posture Index individual and total scores for adults and older adults. Musculoskeletal Science and Practice, 2018, 36, 92-95.	1.3	31
21	Brain-Behavior Mechanisms for the Transfer of Neuromuscular Training Adaptions to Simulated Sport: Initial Findings From the Train the Brain Project. Journal of Sport Rehabilitation, 2018, 27, 1-5.	1.0	36
22	Mechanisms contributing to gait speed and metabolic cost in children with unilateral cerebral palsy. Brazilian Journal of Physical Therapy, 2018, 22, 42-48.	2.5	10
23	Intermittent coupling between grip force and load force during oscillations of a hand-held object. Experimental Brain Research, 2018, 236, 2531-2544.	1.5	17
24	Response to Letter to the Editor concerning â€œReliability of Foot Posture Index individual and total scores for adults and older peopleâ€• Musculoskeletal Science and Practice, 2018, 37, e82.	1.3	0
25	Antifragility in sport: Leveraging adversity to enhance performance.. Sport, Exercise, and Performance Psychology, 2018, 7, 342-350.	0.8	25
26	Towards an ecologically grounded functional practice in rehabilitation. Human Movement Science, 2017, 52, 117-132.	1.4	37
27	Sport-specific virtual reality to identify profiles of anterior cruciate ligament injury risk during unanticipated cutting. , 2017, , .		5
28	External rotation elastic bands at the lower limb decrease rearfoot eversion during walking: a preliminary proof of concept. Brazilian Journal of Physical Therapy, 2016, 20, 571-579.	2.5	3
29	The Effect of Walking Speed on Foot Kinematics is Modified When Increased Pronation is Induced. Journal of the American Podiatric Medical Association, 2016, 106, 419-426.	0.3	9
30	Task difficulty and inertial properties of hand-held tools: An assessment of their concurrent effects on precision aiming. Human Movement Science, 2016, 48, 161-170.	1.4	4
31	Upper limb performance and the structuring of joint movement in teenagers with cerebral palsy: the reciprocal role of task demands and action capabilities. Experimental Brain Research, 2015, 233, 1155-1164.	1.5	5
32	Muscular performance characterization in athletes: a new perspective on isokinetic variables. Brazilian Journal of Physical Therapy, 2014, 18, 521-529.	2.5	25
33	Clinical measures of hip and footâ€“ankle mechanics as predictors of rearfoot motion and posture. Manual Therapy, 2014, 19, 379-385.	1.6	29
34	Forefoot Midsole Stiffness Affects Forefoot and Rearfoot Kinematics During the Stance Phase of Gait. Journal of the American Podiatric Medical Association, 2014, 104, 183-190.	0.3	8
35	Dynamic touch is affected in children with cerebral palsy. Human Movement Science, 2014, 33, 85-96.	1.4	8
36	Active control stabilization of pelvic position in the transverse plane: An evaluation of soccer players' performance. Physical Therapy in Sport, 2014, 15, 189-193.	1.9	5

#	Article	IF	Citations
37	Myofascial force transmission between the latissimus dorsi and gluteus maximus muscles: An in vivo experiment. Journal of Biomechanics, 2013, 46, 1003-1007.	2.1	90
38	Impact of leg length and body mass on the stride length and gait speed of infants with normal motor development: A longitudinal study. Brazilian Journal of Physical Therapy, 2013, 17, 163-169.	2.5	5
39	Assessment of gait in toddlers with normal motor development and in hemiplegic children with mild motor impairment: a validity study. Brazilian Journal of Physical Therapy, 2013, 17, 359-366.	2.5	6
40	Symmetry axiom of Hakenâ€“Kelsoâ€“Bunz coordination dynamics revisited in the context of cognitive activity. Journal of Mathematical Psychology, 2012, 56, 149-165.	1.8	9
41	The role of haptic information in shaping coordination dynamics: Inertial frame of reference hypothesis. Human Movement Science, 2012, 31, 1014-1036.	1.4	7
42	Power at hip, knee and ankle joints are compromised in women with mild and moderate knee osteoarthritis. Clinical Biomechanics, 2012, 27, 1038-1044.	1.2	8
43	Is Tensegrity the Functional Architecture of the Equilibrium Point Hypothesis?. Motor Control, 2010, 14, e35-e40.	0.6	13
44	Stretching versus strength training in lengthened position in subjects with tight hamstring muscles: A randomized controlled trial. Manual Therapy, 2010, 15, 26-31.	1.6	47
45	Lessons for Dynamic Touch From a Case of Stroke-Induced Motor Impairment. Ecological Psychology, 2009, 21, 291-307.	1.1	4
46	Contributions of Cocontraction and Eccentric Activity to Stiffness Regulation. Journal of Motor Behavior, 2009, 41, 207-218.	0.9	11
47	An Empirical Illustration and Formalization of the Theory of Direct Learning: The Muscle-Based Perception of Kinetic Properties. Ecological Psychology, 2009, 21, 245-289.	1.1	33
48	Changes in lower limb co-contraction and stiffness by toddlers with Down syndrome and toddlers with typical development during the acquisition of independent gait. Human Movement Science, 2008, 27, 610-621.	1.4	26
49	Alterations of stiffness and resting position of the elbow joint following flexors resistance training. Manual Therapy, 2008, 13, 411-418.	1.6	21
50	Period Basin of Entrainment for Unintentional Visual Coordination. Journal of Motor Behavior, 2008, 40, 3-10.	0.9	51
51	Muscle-based perception: theory, research and implications for rehabilitation. Brazilian Journal of Physical Therapy, 2008, 12, .	2.5	19
52	Haptic selective attention by foot and by hand. Neuroscience Letters, 2007, 419, 5-9.	2.1	37
53	Steady-state stress at one hand magnifies the amplitude, stiffness, and non-linearity of oscillatory behavior at the other hand. Neuroscience Letters, 2007, 429, 64-68.	2.1	18
54	Proprioception in Individuals with ACL-Deficient Knee and Good Muscular and Functional Performance. Research in Sports Medicine, 2005, 13, 47-61.	1.3	15

#	Article	IF	Citations
55	Analyses of dynamic co-contraction level in individuals with anterior cruciate ligament injury. Journal of Electromyography and Kinesiology, 2004, 14, 239-247.	1.7	39