

Daniel Boari Coelho

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

836
citations

471509

17
h-index

610901

24
g-index

85
all docs

85
docs citations

85
times ranked

970
citing authors

#	ARTICLE	IF	CITATIONS
1	Caffeine increases both total work performed above critical power and peripheral fatigue during a 4-km cycling time trial. <i>Journal of Applied Physiology</i> , 2018, 124, 1491-1501.	2.5	43
2	A Randomized, Controlled Trial of Exercise for Parkinsonian Individuals With Freezing of Gait. <i>Movement Disorders</i> , 2020, 35, 1607-1617.	3.9	39
3	Effects of spinal cord stimulation on postural control in Parkinson's disease patients with freezing of gait. <i>ELife</i> , 2018, 7, .	6.0	38
4	Non-invasive, Brain-controlled Functional Electrical Stimulation for Locomotion Rehabilitation in Individuals with Paraplegia. <i>Scientific Reports</i> , 2019, 9, 6782.	3.3	38
5	Mental fatigue does not alter performance or neuromuscular fatigue development during self-paced exercise in recreationally trained cyclists. <i>European Journal of Applied Physiology</i> , 2018, 118, 2477-2487.	2.5	37
6	Magnetic resonance diffusion tensor imaging for the pedunculopontine nucleus: proof of concept and histological correlation. <i>Brain Structure and Function</i> , 2017, 222, 2547-2558.	2.3	35
7	Spinal Cord Stimulation for Freezing of Gait: From Bench to Bedside. <i>Frontiers in Neurology</i> , 2019, 10, 905.	2.4	32
8	Light touch modulates balance recovery following perturbation: from fast response to stance restabilization. <i>Experimental Brain Research</i> , 2015, 233, 1399-1408.	1.5	30
9	Right cerebral hemisphere specialization for quiet and perturbed body balance control: Evidence from unilateral stroke. <i>Human Movement Science</i> , 2018, 57, 374-387.	1.4	30
10	An fMRI-compatible force measurement system for the evaluation of the neural correlates of step initiation. <i>Scientific Reports</i> , 2017, 7, 43088.	3.3	29
11	High thickness histological sections as alternative to study the three-dimensional microscopic human sub-cortical neuroanatomy. <i>Brain Structure and Function</i> , 2018, 223, 1121-1132.	2.3	28
12	Asymmetric balance control between legs for quiet but not for perturbed stance. <i>Experimental Brain Research</i> , 2014, 232, 3269-3276.	1.5	25
13	Motor imagery training promotes motor learning in adolescents with cerebral palsy: comparison between left and right hemiparesis. <i>Experimental Brain Research</i> , 2016, 234, 1515-1524.	1.5	23
14	Loss of presynaptic inhibition for step initiation in parkinsonian individuals with freezing of gait. <i>Journal of Physiology</i> , 2020, 598, 1611-1624.	2.9	21
15	Cognition and balance control: does processing of explicit contextual cues of impending perturbations modulate automatic postural responses?. <i>Experimental Brain Research</i> , 2017, 235, 2375-2390.	1.5	20
16	Automatic postural responses are generated according to feet orientation and perturbation magnitude. <i>Gait and Posture</i> , 2017, 57, 172-176.	1.4	18
17	Right in Comparison to Left Cerebral Hemisphere Damage by Stroke Induces Poorer Muscular Responses to Stance Perturbation Regardless of Visual Information. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 954-962.	1.6	18
18	Automatic postural responses are scaled from the association between online feedback and feedforward control. <i>European Journal of Neuroscience</i> , 2020, 51, 2023-2032.	2.6	18

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19	Characterization of performance fatigability during a self-paced exercise. <i>Journal of Applied Physiology</i> , 2019, 127, 838-846.	2.5	15
20	Multidimensional Factors Can Explain the Clinical Worsening in People With Parkinson's Disease During the COVID-19 Pandemic: A Multicenter Cross-Sectional Trial. <i>Frontiers in Neurology</i> , 2021, 12, 708433.	2.4	14
21	High contextual interference in perturbation-based balance training leads to persistent and generalizable stability gains of compensatory limb movements. <i>Experimental Brain Research</i> , 2020, 238, 1249-1263.	1.5	13
22	Aging increases flexibility of postural reactive responses based on constraints imposed by a manual task. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 327.	3.4	12
23	Stretchâ€“shortening cycle exercise produces acute and prolonged impairments on endurance performance: is the peripheral fatigue a single answer?. <i>European Journal of Applied Physiology</i> , 2019, 119, 1479-1489.	2.5	12
24	Measuring cortical motor hemodynamics during assisted stepping â€“ An fNIRS feasibility study of using a walker. <i>Gait and Posture</i> , 2017, 56, 112-118.	1.4	11
25	Disambiguating the cognitive and adaptive effects of contextual cues of an impending balance perturbation. <i>Human Movement Science</i> , 2018, 61, 90-98.	1.4	11
26	Evaluation of balance recovery stability from unpredictable perturbations through the compensatory arm and leg movements (CALM) scale. <i>PLoS ONE</i> , 2019, 14, e0221398.	2.5	11
27	Higher order balance control: Distinct effects between cognitive task and manual steadiness constraint on automatic postural responses. <i>Human Movement Science</i> , 2016, 50, 62-72.	1.4	10
28	Effect of caffeine on neuromuscular function following eccentric-based exercise. <i>PLoS ONE</i> , 2019, 14, e0224794.	2.5	10
29	Brain networks associated with anticipatory postural adjustments in Parkinsonâ€™s disease patients with freezing of gait. <i>NeuroImage: Clinical</i> , 2020, 28, 102461.	2.7	10
30	Relationship between recovery of neuromuscular function and subsequent capacity to work above critical power. <i>European Journal of Applied Physiology</i> , 2020, 120, 1237-1249.	2.5	9
31	Precueing time but not direction of postural perturbation induces early muscular activation: Comparison between young and elderly individuals. <i>Neuroscience Letters</i> , 2015, 588, 190-195.	2.1	8
32	Age and Disease have a Distinct Influence on Postural Balance of Patients with COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2019, 16, 246-253.	1.6	8
33	No Improvement on the Learning of Golf Putting By Older Persons With Self-Controlled Knowledge of Performance. <i>Journal of Aging and Physical Activity</i> , 2019, 27, 300-308.	1.0	8
34	Caffeine but not acetaminophen increases 4-km cycling time-trial performance. <i>PharmaNutrition</i> , 2020, 12, 100181.	1.7	8
35	Effect of Creatine Supplementation on Functional Capacity and Muscle Oxygen Saturation in Patients with Symptomatic Peripheral Arterial Disease: A Pilot Study of a Randomized, Double-Blind Placebo-Controlled Clinical Trial. <i>Nutrients</i> , 2021, 13, 149.	4.1	8
36	A systematic review on the effectiveness of perturbation-based balance training in postural control and gait in Parkinsonâ€™s disease. <i>Physiotherapy</i> , 2022, 116, 58-71.	0.4	8

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37	Instantaneous interjoint rescaling and adaptation to balance perturbation under muscular fatigue. <i>European Journal of Neuroscience</i> , 2020, 51, 1478-1490.	2.6	7
38	Prior Upper Body Exercise Impairs 4-km Cycling Time-Trial Performance Without Altering Neuromuscular Function. <i>Research Quarterly for Exercise and Sport</i> , 2021, 92, 52-62.	1.4	7
39	A Public Data Set of Videos, Inertial Measurement Unit, and Clinical Scales of Freezing of Gait in Individuals With Parkinson's Disease During a Turning-In-Place Task. <i>Frontiers in Neuroscience</i> , 2022, 16, 832463.	2.8	7
40	Pedunculopontine DBS improves balance in progressive supranuclear palsy: Instrumental analysis. <i>Clinical Neurophysiology</i> , 2016, 127, 3470-3471.	1.5	6
41	Regulation of dynamic postural control to attend manual steadiness constraints. <i>Journal of Neurophysiology</i> , 2018, 120, 693-702.	1.8	6
42	Deep Brain Stimulation in Patients with Isolated Generalized Dystonia Caused by <i>PRKRA</i> Mutation. <i>Movement Disorders Clinical Practice</i> , 2019, 6, 616-618.	1.5	6
43	Frontal Hemodynamic Response During Step Initiation Under Cognitive Conflict in Older and Young Healthy People. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 216-223.	3.6	6
44	Spinal cord stimulation improves motor function and gait in spastic paraplegia type 4 (SPG4): Clinical and neurophysiological evaluation. <i>Parkinsonism and Related Disorders</i> , 2021, 83, 1-5.	2.2	6
45	Human postural control during standing posture with a muscle-tendon actuator. <i>International Journal of Experimental and Computational Biomechanics</i> , 2014, 2, 343.	0.4	5
46	Young and older adults adapt automatic postural responses equivalently to repetitive perturbations but are unable to use predictive cueing to optimize recovery of balance stability. <i>Neuroscience Letters</i> , 2018, 685, 167-172.	2.1	5
47	Is freezing of gait correlated with postural control in patients with moderate-to-severe Parkinson's disease?. <i>European Journal of Neuroscience</i> , 2021, 53, 1189-1196.	2.6	5
48	Compensatory control between the legs in automatic postural responses to stance perturbations under single-leg fatigue. <i>Experimental Brain Research</i> , 2021, 239, 639-653.	1.5	5
49	Age-Related Changes in Presynaptic Inhibition During Gait Initiation. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 568-575.	3.6	5
50	A Public Data Set With Ground Reaction Forces of Human Balance in Individuals With Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2022, 16, 865882.	2.8	5
51	Light touch leads to increased stability in quiet and perturbed balance: Equivalent effects between post-stroke and healthy older individuals. <i>Human Movement Science</i> , 2018, 58, 268-278.	1.4	4
52	Minimal Detectable Change for Balance Using the Biodex Balance System in Patients with Parkinson Disease. <i>PM and R</i> , 2020, 12, 281-287.	1.6	4
53	Effects of induced local ischemia during a 4-km cycling time trial on neuromuscular fatigue development. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R812-R823.	1.8	4
54	Biomechanical aspects that precede freezing episode during gait in individuals with Parkinson's disease: A systematic review. <i>Gait and Posture</i> , 2022, 91, 149-154.	1.4	4

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55	The effects of levodopa in the spatiotemporal gait parameters are mediated by self-selected gait speed in Parkinson's disease. <i>European Journal of Neuroscience</i> , 2021, 54, 8020-8028.	2.6	3
56	Gait and posture are correlated domains in Parkinson's disease. <i>Neuroscience Letters</i> , 2022, 775, 136537.	2.1	3
57	Modulation of manual preference induced by lateralized practice diffuses over distinct motor tasks: age-related effects. <i>Frontiers in Psychology</i> , 2014, 5, 1406.	2.1	2
58	Dramatic improvement of tardive dyskinesia movements by inline skating. <i>Neurology</i> , 2017, 89, 211-213.	1.1	2
59	Short-term resistance training with instability reduces impairment in V wave and H reflex in individuals with Parkinson's disease. <i>Journal of Applied Physiology</i> , 2019, 127, 89-97.	2.5	2
60	Non-invasive brain stimulation and kinesiotherapy for treatment of focal dystonia: Instrumental analysis of three cases. <i>Journal of Clinical Neuroscience</i> , 2020, 76, 208-210.	1.5	2
61	Effects of Transcranial Direct Current Stimulation on Muscle Fatigue in Recreational Runners. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2022, 101, 279-283.	1.4	2
62	Preserved flexibility of dynamic postural control in individuals with Parkinson's disease. <i>Gait and Posture</i> , 2021, 86, 240-244.	1.4	2
63	MBboard: Validity and Reliability of a New Tool Developed to Evaluate Specific Strength in Rock Climbers. <i>Journal of Human Kinetics</i> , 2021, 79, 5-13.	1.5	2
64	Caffeine ingestion increases endurance performance of trained male cyclists when riding against a virtual opponent without altering muscle fatigue. <i>European Journal of Applied Physiology</i> , 0, , .	2.5	2
65	Effects of extrinsic feedback on the motor learning after stroke. <i>Motriz Revista De Educacao Fisica</i> , 2019, 25, .	0.2	1
66	<i>Maytenus ilicifolia</i> Extract Increases Oxygen Uptake without Changes in Neuromuscular Fatigue Development during a High-Intensity Interval Exercise. <i>Journal of the American College of Nutrition</i> , 2021, 40, 419-428.	1.8	1
67	Associations Between Women's Obesity Status and Diminished Cutaneous Sensibility Across Foot Sole Regions. <i>Perceptual and Motor Skills</i> , 2021, 128, 243-257.	1.3	1
68	Association of Foot Sole Sensibility with Quiet and Dynamic Body Balance in Morbidly Obese Women. <i>Biomechanics</i> , 2021, 1, 334-345.	1.2	1
69	Differential activation of the plantar flexor muscles in balance control across different feet orientations on the ground. <i>Journal of Electromyography and Kinesiology</i> , 2022, 62, 102625.	1.7	1
70	Judokas Show Increased Resilience to Unpredictable Stance Perturbations. <i>Perceptual and Motor Skills</i> , 2022, 129, 513-527.	1.3	1
71	Effects of age and disease in COPD postural balance. , 2016, , .		0
72	segmentary mechanical work as a new instrument to postural control evaluation. <i>Acta Fisiológica</i> , 2019, 26, 209-214.	0.1	0

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73	Efeito de previsibilidade temporal de perturbações posturais e demanda de precisão de tarefa manual no desempenho em tarefa dual. Revista Brasileira De Educação Física E Esporte: RBEFE, 2020, 34, 295-304.	0.1	0
74	Efeito de previsibilidade temporal de perturbações posturais e demanda de precisão de tarefa manual no desempenho em tarefa dual. Revista Brasileira De Educação Física E Esporte: RBEFE, 2020, 34, 295-304.	0.1	0
75	Reply from Jumes Leopoldino Oliveira Lira, Carlos Ugrinowitsch, Daniel Boari Coelho, Luis Augusto Teixeira, Andrea Cristina de Lima Pardini, Fernando Henrique Magalhães, Egberto Reis Barbosa, Fay B. Horak, and Carla Silva Batista. Journal of Physiology, 2022, 600, 421-422.	2.9	0
76	Effect of caffeine on neuromuscular function following eccentric-based exercise. , 2019, 14, e0224794.		0
77	Effect of caffeine on neuromuscular function following eccentric-based exercise. , 2019, 14, e0224794.		0
78	Effect of caffeine on neuromuscular function following eccentric-based exercise. , 2019, 14, e0224794.		0
79	Effect of caffeine on neuromuscular function following eccentric-based exercise. , 2019, 14, e0224794.		0
80	Between-leg asymmetry in automatic postural responses to stance perturbations in people with Parkinson's disease. Gait and Posture, 2022, , .	1.4	0