

Carlos Bandeira de Mello Monteiro

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110
papers

1,112
citations

17
h-index

26
g-index

145
ext. papers

1,507
ext. citations

2.5
avg, IF

4.39
L-index

#	Paper	IF	Citations
110	Virtual reality in multiple sclerosis - A systematic review. <i>Multiple Sclerosis and Related Disorders</i> , 2016 , 8, 107-12	4	64
109	The Clinical Utility of Virtual Reality in Neurorehabilitation: A Systematic Review. <i>Journal of Central Nervous System Disease</i> , 2018 , 10, 1179573518813541	4.4	58
108	Transfer of motor learning from virtual to natural environments in individuals with cerebral palsy. <i>Research in Developmental Disabilities</i> , 2014 , 35, 2430-7	2.7	55
107	Sensitivity, specificity and predictive values of linear and nonlinear indices of heart rate variability in stable angina patients. <i>International Archive of Medicine</i> , 2012 , 5, 31		37
106	Towards unified and impactful policies to reduce ultra-processed food consumption and promote healthier eating. <i>Lancet Diabetes and Endocrinology</i> , 2021 , 9, 462-470	18.1	29
105	A multi-exonic SPG4 duplication underlies sex-dependent penetrance of hereditary spastic paraplegia in a large Brazilian pedigree. <i>European Journal of Human Genetics</i> , 2007 , 15, 1276-9	5.3	25
104	Chronic obstructive pulmonary disease and heart rate variability: a literature update. <i>International Archive of Medicine</i> , 2014 , 7, 43		24
103	Efficacy of Virtual Reality Rehabilitation after Spinal Cord Injury: A Systematic Review. <i>BioMed Research International</i> , 2019 , 2019, 7106951	3	23
102	Short-term motor learning through non-immersive virtual reality task in individuals with down syndrome. <i>BMC Neurology</i> , 2017 , 17, 71	3.1	22
101	Analysis of cardiac autonomic modulation of children with attention deficit hyperactivity disorder. <i>Neuropsychiatric Disease and Treatment</i> , 2014 , 10, 613-8	3.1	22
100	Functional performance comparison between real and virtual tasks in older adults: A cross-sectional study. <i>Medicine (United States)</i> , 2018 , 97, e9612	1.8	21
99	Virtual reality software package for implementing motor learning and rehabilitation experiments. <i>Virtual Reality</i> , 2018 , 22, 199-209	6	21
98	The Brunel Mood Scale Rating in Mental Health for Physically Active and Apparently Healthy Populations. <i>Health</i> , 2016 , 08, 125-132	0.4	21
97	Application and outcomes of therapy combining transcranial direct current stimulation and virtual reality: a systematic review. <i>Disability and Rehabilitation: Assistive Technology</i> , 2017 , 12, 551-559	1.8	20
96	Heart Rate Variability and Cardiopulmonary Dysfunction in Patients with Duchenne Muscular Dystrophy: A Systematic Review. <i>Pediatric Cardiology</i> , 2018 , 39, 869-883	2.1	18
95	Fractal correlation property of heart rate variability in response to the postural change maneuver in healthy women. <i>International Archive of Medicine</i> , 2014 , 7, 25		18
94	Augmentative and alternative communication in children with Down syndrome: a systematic review. <i>BMC Pediatrics</i> , 2018 , 18, 160	2.6	17

93	Construct validity of a figure rating scale for Brazilian adolescents. <i>Nutrition Journal</i> , 2012 , 11, 24	4.3	17
92	Use of Augmented Reality with a Motion-Controlled Game Utilizing Alphabet Letters and Numbers to Improve Performance and Reaction Time Skills for People with Autism Spectrum Disorder. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2020 , 23, 16-22	4.4	16
91	Stabilometric parameters analysis in children with visual disorder. <i>International Archive of Medicine</i> , 2014 , 7, 1		16
90	Effectiveness of anodal transcranial direct current stimulation to improve muscle strength and motor functionality after incomplete spinal cord injury: a systematic review and meta-analysis. <i>Spinal Cord</i> , 2020 , 58, 635-646	2.7	15
89	Pain and quality of life in patients undergoing radiotherapy for spinal metastatic disease treatment. <i>International Archive of Medicine</i> , 2013 , 6, 6		15
88	Achievement of Virtual and Real Objects Using a Short-Term Motor Learning Protocol in People with Duchenne Muscular Dystrophy: A Crossover Randomized Controlled Trial. <i>Games for Health Journal</i> , 2018 , 7, 107-115	4.2	14
87	Functional capacity and assistance from the caregiver during daily activities in Brazilian children with cerebral palsy. <i>International Archive of Medicine</i> , 2013 , 6, 1		14
86	Anthropometric characteristics, field test scores and match-related technical performance in youth indoor soccer players with different playing status. <i>International Journal of Performance Analysis in Sport</i> , 2014 , 14, 482-492	1.8	13
85	Involvement of the atrial natriuretic peptide in cardiovascular pathophysiology and its relationship with exercise. <i>International Archive of Medicine</i> , 2012 , 5, 4		13
84	Sidestream cigarette smoke effects on cardiovascular responses in conscious rats: involvement of oxidative stress in the fourth cerebral ventricle. <i>BMC Cardiovascular Disorders</i> , 2012 , 12, 22	2.3	13
83	Heart rate variability in individuals with Down syndrome - A systematic review and meta-analysis. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018 , 213, 23-33	2.4	13
82	Computer classes and games in virtual reality environment to reduce loneliness among students of an elderly reference center: Study protocol for a randomised cross-over design. <i>Medicine (United States)</i> , 2017 , 96, e5954	1.8	12
81	Motor learning from virtual reality to natural environments in individuals with Duchenne muscular dystrophy. <i>Disability and Rehabilitation: Assistive Technology</i> , 2019 , 14, 12-20	1.8	12
80	Motor learning paradigm and contextual interference in manual computer tasks in individuals with cerebral palsy. <i>Research in Developmental Disabilities</i> , 2017 , 64, 56-63	2.7	11
79	Evaluation of speed-accuracy trade-off in a computer task in individuals with cerebral palsy: a cross-sectional study. <i>BMC Neurology</i> , 2017 , 17, 143	3.1	11
78	Effects of high-frequency transcranial magnetic stimulation on functional performance in individuals with incomplete spinal cord injury: study protocol for a randomized controlled trial. <i>Trials</i> , 2017 , 18, 522	2.8	11
77	Motor learning characterization in people with autism spectrum disorder: A systematic review. <i>Dementia E Neuropsychologia</i> , 2017 , 11, 276-286	2.1	11
76	Computer task performance by subjects with Duchenne muscular dystrophy. <i>Neuropsychiatric Disease and Treatment</i> , 2016 , 12, 41-8	3.1	11

75	Autonomic Modulation in Duchenne Muscular Dystrophy during a Computer Task: A Prospective Control Trial. <i>PLoS ONE</i> , 2017 , 12, e0169633	3.7	11
74	Acute auditory stimulation with different styles of music influences cardiac autonomic regulation in men 2014 , 8, 105-10		11
73	Improving the Machining Process of the Metalworking Industry Using the Lean Tool SMED. <i>Procedia Manufacturing</i> , 2019 , 41, 555-562	1.5	11
72	Analysis of motor performance in individuals with cerebral palsy using a non-immersive virtual reality task - a pilot study. <i>Neuropsychiatric Disease and Treatment</i> , 2019 , 15, 417-428	3.1	10
71	Sidestream cigarette smoke and cardiac autonomic regulation. <i>International Archive of Medicine</i> , 2013 , 6, 11		10
70	Comparison between the six-minute walk test and the six-minute step test in post stroke patients. <i>International Archive of Medicine</i> , 2013 , 6, 31		9
69	Total Reaction Time Performance of Individuals with Autism after a Virtual Reality Task. <i>International Journal of Neurorehabilitation</i> , 2015 , 02,	2	9
68	Frequency of provision of knowledge of performance on skill acquisition in older persons. <i>Frontiers in Psychology</i> , 2014 , 5, 1454	3.4	9
67	Motor learning through virtual reality in cerebral palsy - a literature review. <i>Medical Express</i> , 2014 , 1,		9
66	Serious Game Platform as a Possibility for Home-Based Telerehabilitation for Individuals With Cerebral Palsy During COVID-19 Quarantine - A Cross-Sectional Pilot Study. <i>Frontiers in Psychology</i> , 2021 , 12, 622678	3.4	9
65	Efficacy of different interaction devices using non-immersive virtual tasks in individuals with Amyotrophic Lateral Sclerosis: a cross-sectional randomized trial. <i>BMC Neurology</i> , 2018 , 18, 209	3.1	9
64	Secondary particles formed from the exhaust of vehicles using ethanol-gasoline blends increase the production of pulmonary and cardiac reactive oxygen species and induce pulmonary inflammation. <i>Environmental Research</i> , 2019 , 177, 108661	7.9	8
63	Quantification of functional abilities in Rett syndrome: a comparison between stages III and IV. <i>Neuropsychiatric Disease and Treatment</i> , 2014 , 10, 1213-22	3.1	8
62	Motor Intervention in Children with School Learning Difficulties. <i>Journal of Human Growth and Development</i> , 2013 , 23, 209	1.5	8
61	Pain characterization in Duchenne muscular dystrophy. <i>Arquivos De Neuro-Psiquiatria</i> , 2016 , 74, 767-774	1.6	8
60	Instruments for augmentative and alternative communication for children with autism spectrum disorder: a systematic review. <i>Clinics</i> , 2018 , 73, e497	2.3	8
59	Fractal correlations and linear analyses of heart rate variability in healthy young people with different levels of physical activity. <i>Cardiology in the Young</i> , 2019 , 29, 1236-1242	1	7
58	Previous exposure to musical auditory stimulation immediately influences the cardiac autonomic responses to the postural change maneuver in women. <i>International Archive of Medicine</i> , 2013 , 6, 32		7

57	RELATIONSHIP BETWEEN CARDIAC AUTONOMIC REGULATION AND AUDITORY MECHANISMS: IMPORTANCE FOR GROWTH AND DEVELOPMENT. <i>Journal of Human Growth and Development</i> , 2013 , 23, 94	1.5	7
56	Effect of Combined Therapy of Virtual Reality and Transcranial Direct Current Stimulation in Children and Adolescents With Cerebral Palsy: A Study Protocol for a Triple-Blinded Randomized Controlled Crossover Trial. <i>Frontiers in Neurology</i> , 2020 , 11, 953	4.1	7
55	Motor learning and transfer between real and virtual environments in young people with autism spectrum disorder: A prospective randomized cross over controlled trial. <i>Autism Research</i> , 2020 , 13, 307-319	5.1	7
54	Motor performance of individuals with cerebral palsy in a virtual game using a mobile phone. <i>Disability and Rehabilitation: Assistive Technology</i> , 2018 , 13, 609-613	1.8	7
53	Effect of the rest interval duration between contractions on muscle fatigue. <i>BioMedical Engineering OnLine</i> , 2012 , 11, 89	4.1	6
52	Chest associated to motor physiotherapy improves cardiovascular variables in newborns with respiratory distress syndrome. <i>International Archive of Medicine</i> , 2011 , 4, 37		6
51	Aprendizagem motora em crianças com paralisia cerebral. <i>Journal of Human Growth and Development</i> , 2010 , 20, 250	1.5	6
50	A didactic approach to presenting verbal and visual information to children participating in research protocols: the comic book informed assent. <i>Clinics</i> , 2018 , 73, e207	2.3	6
49	Analysis of Different Device Interactions in a Virtual Reality Task in Individuals With Duchenne Muscular Dystrophy-A Randomized Controlled Trial. <i>Frontiers in Neurology</i> , 2019 , 10, 24	4.1	5
48	The use of a task through virtual reality in cerebral palsy using two different interaction devices (concrete and abstract) - a cross-sectional randomized study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020 , 17, 59	5.3	5
47	Evaluation of movements of lower limbs in non-professional ballet dancers: hip abduction and flexion. <i>The Sports Medicine, Arthroscopy, Rehabilitationrapy and Technology</i> , 2011 , 3, 16		5
46	The effects of catalase inhibition into the fourth cerebral ventricle on the Bezold-Jarisch reflex in spontaneously hypertensive rats. <i>Journal of Integrative Neuroscience</i> , 2011 , 10, 475-87	1.5	5
45	Virtual reality head-mounted goggles increase the body sway of young adults during standing posture. <i>Neuroscience Letters</i> , 2020 , 737, 135333	3.3	5
44	Test-Retest Reliability and Clinical Feasibility of a Motion-Controlled Game to Enhance the Literacy and Numeracy Skills of Young Individuals with Intellectual Disability. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2019 , 22, 111-121	4.4	5
43	Non-Alcoholic Cirrhosis and Heart Rate Variability: A Systematic Mini-Review. <i>Medicina (Lithuania)</i> , 2020 , 56,	3.1	4
42	Nutritional strategies of physically active subjects with muscle dysmorphia. <i>International Archive of Medicine</i> , 2013 , 6, 25		4
41	AGaR: A VR Serious Game to Support the Recovery of Post-Stroke Patients 2017 ,		4
40	Improvements in motor tasks through the use of smartphone technology for individuals with Duchenne muscular dystrophy. <i>Neuropsychiatric Disease and Treatment</i> , 2017 , 13, 2209-2217	3.1	4

39	The eleventh reported case of Mulvihill-Smith syndrome in the literature. <i>BMC Neurology</i> , 2014 , 14, 4	3.1	4
38	Memantine effects on liver and adrenal gland of rats exposed to cold stress. <i>International Archive of Medicine</i> , 2011 , 4, 5		4
37	Motor Learning And Virtual Reality In Down Syndrome - A Literature Review. <i>International Archive of Medicine</i> ,		4
36	Maze computer performance in Down syndrome. <i>Journal of Human Growth and Development</i> , 2016 , 26, 205	1.5	4
35	Comparisons of Mood States Associated With Outcomes Achieved by Female and Male Athletes in High-Level Judo and Brazilian Jiu-Jitsu Championships: Psychological Factors Associated With the Probability of Success. <i>Journal of Strength and Conditioning Research</i> , 2021 , 35, 2518-2524	3.2	4
34	Comparison Between Conventional Intervention and Non-immersive Virtual Reality in the Rehabilitation of Individuals in an Inpatient Unit for the Treatment of COVID-19: A Study Protocol for a Randomized Controlled Crossover Trial. <i>Frontiers in Psychology</i> , 2021 , 12, 622618	3.4	4
33	MoVEROffice: Virtual Reality for Upper Limbs Rehabilitation 2016 ,		3
32	The biopsychosocial processes in autism spectrum disorder. <i>International Archive of Medicine</i> , 2013 , 6, 22		3
31	Força de preensão manual em atletas de judô <i>Revista Brasileira De Medicina Do Esporte</i> , 2014 , 20, 210-213	0.5	3
30	Análise da prevalência de sobrepeso e obesidade e do nível de atividade física em crianças e adolescentes de uma cidade do sudoeste de São Paulo. <i>Journal of Human Growth and Development</i> , 2014 , 24, 67	1.5	3
29	Clinical characteristics of children with congenital Zika syndrome: a case series. <i>Arquivos De Neuro-Psiquiatria</i> , 2020 , 78, 403-411	1.6	3
28	VALIDITY OF SOFTWARE FOR MEASUREMENT OF TOTAL REACTION TIME WITH SIMPLE STIMULUS -TRT_S 2012. <i>Journal of Human Growth and Development</i> , 2014 , 24, 295	1.5	3
27	Categorising ultra-processed foods in large-scale cohort studies: evidence from the Nurses' Health Studies, the Health Professionals Follow-up Study, and the Growing Up Today Study. <i>Journal of Nutritional Science</i> , 2021 , 10, e77	2.7	3
26	Concurrent Validity and Reliability of Alternative Computer Game for the Coincidence-Anticipation Timing Task. <i>Measurement in Physical Education and Exercise Science</i> , 2019 , 23, 169-185	1.9	2
25	Anthropometric profile, physical activity level, degree of anxiety, and posture in college students. <i>Fisioterapia E Pesquisa</i> , 2017 , 24, 191-197	0.2	2
24	Influence of severity of traumatic brain injury at hospital admission on clinical outcomes. <i>Fisioterapia E Pesquisa</i> , 2018 , 25, 3-8	0.2	2
23	Hydatidiform mole resulting from sexual violence. <i>International Archive of Medicine</i> , 2012 , 5, 8		2
22	Auditory stimulation with music influences the geometric indices of heart rate variability in response to the postural change maneuver. <i>Noise and Health</i> , 2014 , 16, 57-62	0.9	2

21	Questionable use of performance testing to predict success in soccer players: comment on Ljach, et al. (2012). <i>Perceptual and Motor Skills</i> , 2013 , 116, 352-4	2.2	2
20	Verificaçã das habilidades funcionais e necessidades de auxíio do cuidador em crianãas com paralisia cerebral nos primeiros meses de vida. <i>Journal of Human Growth and Development</i> , 2008 , 18, 163	1.5	2
19	Evaluation of speed-accuracy trade-off in a computer task to identify motor difficulties in individuals with Duchenne Muscular Dystrophy - A cross-sectional study. <i>Research in Developmental Disabilities</i> , 2020 , 96, 103541	2.7	2
18	Effect of Contextual Interference in the Practicing of a Computer Task in Individuals Poststroke. <i>BioMed Research International</i> , 2020 , 2020, 2937285	3	2
17	Motor learning through virtual reality in elderly - a systematic review. <i>Medical Express</i> , 2016 , 3,		2
16	Improving the Machining Process of the Metalwork Industry by Upgrading Operative Sequences, Standard Manufacturing Times and Production Procedure Changes. <i>Procedia Manufacturing</i> , 2019 , 38, 1713-1722	1.5	2
15	Functional skills and caregiver assistance of Brazilian children and adolescents with Down syndrome. <i>NeuroRehabilitation</i> , 2019 , 45, 1-9	2	1
14	Can individuals with down syndrome improve their performance after practicing a game on a mobile phone? A new insight study. <i>Learning and Motivation</i> , 2020 , 72, 101685	1.3	1
13	Motor learning in children and adolescents institutionalized in shelters. <i>Fisioterapia Em Movimento</i> , 2017 , 30, 725-732	0.8	1
12	Cardiac Autonomic Modulation in Subjects with Amyotrophic Lateral Sclerosis (ALS) during an Upper Limb Virtual Reality Task: A Prospective Control Trial.. <i>BioMed Research International</i> , 2022 , 2022, 4439681	3	1
11	Autonomic Modulation in Duchenne Muscular Dystrophy During a Computer Task: A Prospective Transversal Controlled Trial Assessment by Non-linear Techniques. <i>Frontiers in Neurology</i> , 2021 , 12, 720282	4.1	1
10	Comparison of cardiac autonomic modulation of athletes and non-athletes individuals with spinal cord injury at rest and during a non-immersive virtual reality task. <i>Spinal Cord</i> , 2021 , 59, 1294-1300	2.7	1
9	Systematic Review of the Main Motor Scales for Clinical Assessment of Individuals with down Syndrome. <i>Developmental Neurorehabilitation</i> , 2020 , 23, 39-49	1.8	1
8	Responsiveness of the domain climbing up and going down stairs of the Functional Evaluation scale for Duchenne Muscular Dystrophy: a one-year follow-up. <i>Brazilian Journal of Physical Therapy</i> , 2016 , 20, 471-476	3.7	1
7	Brain activity and upper limb movement analysis in children with Down syndrome undergoing transcranial direct current stimulation combined with virtual reality training: study protocol for a randomized controlled trial.. <i>Trials</i> , 2022 , 23, 87	2.8	0
6	Digital games in the computer classes to reduce loneliness of individuals during aging. <i>Current Psychology</i> , 1	1.4	0
5	Three new decapods (Aristeidae, Chirostylidae, Pandalidae) from the Cape Verde Islands (NE Atlantic). <i>Crustaceana</i> , 2017 , 90, 349-358	0.4	
4	High-Frequency Transcranial Magnetic Stimulation Improves Motor Performance in Individuals with Incomplete Spinal Cord Injury. <i>IFMBE Proceedings</i> , 2019 , 229-233	0.2	

- 3 Caracterizaçã das habilidades funcionais na síndrome de Rett. *Fisioterapia E Pesquisa*, **2009**, 16, 341-345 0.2
- 2 Can Individuals Poststroke Improve Their Performance in Reaction and Movement Times in a Nonimmersive Serious Game with Practice? A Cross-Sectional Study.. *Games for Health Journal*, **2022**, 11, 38-45 4.2
- 1 Nurses' knowledge and practices in the face of the challenge of using the systematization of nursing care as an instrument of assistance in a first aid in Brazil. *Medicine (United States)*, **2018**, 97, e11509 1.8