

Cyril Duclos

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,040
citations

394286

19
h-index

477173

29
g-index

72
all docs

72
docs citations

72
times ranked

1227
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical stimulation and muscle strengthening. <i>Annales De R�adaptation Et De M�decine Physique: Revue Scientifique De La Soci�t� Fran�saise De R�ducation Fonctionnelle De R�adaptation Et De M�decine Physique</i> , 2008, 51, 441-451.	0.8	60
2	Lateral Trunk Displacement and Stability During Sit-to-Stand Transfer in Relation to Foot Placement in Patients With Hemiparesis. <i>Neurorehabilitation and Neural Repair</i> , 2008, 22, 715-722.	1.4	52
3	Vibration-induced post-effects: A means to improve postural asymmetry in lower leg amputees?. <i>Gait and Posture</i> , 2007, 26, 595-602.	0.6	44
4	Long-lasting body leanings following neck muscle isometric contractions. <i>Experimental Brain Research</i> , 2004, 158, 58-66.	0.7	43
5	Center-of-pressure total trajectory length is a complementary measure to maximum excursion to better differentiate multidirectional standing limits of stability between individuals with incomplete spinal cord injury and able-bodied individuals. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 8.	2.4	43
6	Locomotor training using an overground robotic exoskeleton in long-term manual wheelchair users with a chronic spinal cord injury living in the community: Lessons learned from a feasibility study in terms of recruitment, attendance, learnability, performance and safety. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018, 15, 12.	2.4	42
7	Cardiorespiratory demand and rate of perceived exertion during overground walking with a robotic exoskeleton in long-term manual wheelchair users with chronic spinal cord injury: A cross-sectional study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2018, 61, 215-223.	1.1	40
8	Cerebral correlates of the "Kohnstamm phenomenon" An fMRI study. <i>NeuroImage</i> , 2007, 34, 774-783.	2.1	39
9	Guiding task-oriented gait training after stroke or spinal cord injury by means of a biomechanical gait analysis. <i>Progress in Brain Research</i> , 2011, 192, 161-180.	0.9	38
10	Influence of visual inputs on quasi-static standing postural steadiness in individuals with spinal cord injury. <i>Gait and Posture</i> , 2013, 38, 357-360.	0.6	38
11	Satisfaction and perceptions of long-term manual wheelchair users with a spinal cord injury upon completion of a locomotor training program with an overground robotic exoskeleton. <i>Disability and Rehabilitation: Assistive Technology</i> , 2019, 14, 138-145.	1.3	37
12	Destabilizing and stabilizing forces to assess equilibrium during everyday activities. <i>Journal of Biomechanics</i> , 2009, 42, 379-382.	0.9	35
13	Clinicians's perspectives on inertial measurement units in clinical practice. <i>PLoS ONE</i> , 2020, 15, e0241922.	1.1	28
14	Countering postural posteffects following prolonged exposure to whole-body vibration: a sensorimotor treatment. <i>European Journal of Applied Physiology</i> , 2009, 105, 235-245.	1.2	27
15	Dynamic stability requirements during gait and standing exergames on the wii fit� system in the elderly. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2012, 9, 28.	2.4	25
16	Role of proprioceptive information to control balance during gait in healthy and hemiparetic individuals. <i>Gait and Posture</i> , 2014, 40, 610-615.	0.6	25
17	Quantifying dynamic and postural balance difficulty during gait perturbations using stabilizing/destabilizing forces. <i>Journal of Biomechanics</i> , 2015, 48, 441-448.	0.9	23
18	Effects of Seated Postural Stability and Trunk and Upper Extremity Strength on Performance during Manual Wheelchair Propulsion Tests in Individuals with Spinal Cord Injury: An Exploratory Study. <i>Rehabilitation Research and Practice</i> , 2016, 2016, 1-11.	0.5	23

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19	Postural changes after sustained neck muscle contraction in persons with a lower leg amputation. <i>Journal of Electromyography and Kinesiology</i> , 2009, 19, e214-e222.	0.7	22
20	Plantarflexion moment is a contributor to step length after-effect following walking on a split-belt treadmill in individuals with stroke and healthy individuals. <i>Journal of Rehabilitation Medicine</i> , 2014, 46, 849-857.	0.8	22
21	A more symmetrical gait after split-belt treadmill walking increases the effort in paretic plantar flexors in people post-stroke. <i>Journal of Rehabilitation Medicine</i> , 2016, 48, 576-582.	0.8	22
22	Postural and dynamic balance while walking in adults with incomplete spinal cord injury. <i>Journal of Electromyography and Kinesiology</i> , 2014, 24, 739-746.	0.7	21
23	Which trunk inclination directions best predict multidirectional-seated limits of stability among individuals with spinal cord injury?. <i>Journal of Spinal Cord Medicine</i> , 2012, 35, 343-350.	0.7	19
24	Perception Threshold of Locomotor Symmetry While Walking on a Split-Belt Treadmill in Healthy Elderly Individuals. <i>Perceptual and Motor Skills</i> , 2014, 118, 475-490.	0.6	17
25	Activity Monitor Placed at the Nonparetic Ankle Is Accurate in Measuring Step Counts During Community Walking in Poststroke Individuals: A Validation Study. <i>PM and R</i> , 2019, 11, 963-971.	0.9	17
26	Complex muscle vibration patterns to induce gait-like lower-limb movements: Proof of concept. <i>Journal of Rehabilitation Research and Development</i> , 2014, 51, 245-252.	1.6	16
27	Effects of walking with loads above the ankle on gait parameters of persons with hemiparesis after stroke. <i>Clinical Biomechanics</i> , 2014, 29, 265-271.	0.5	15
28	Wearable exoskeleton control modes selected during overground walking affect muscle synergies in adults with a chronic incomplete spinal cord injury. <i>Spinal Cord Series and Cases</i> , 2020, 6, 26.	0.3	14
29	Postural control during gait initiation and termination of adults with incomplete spinal cord injury. <i>Human Movement Science</i> , 2015, 41, 20-31.	0.6	13
30	Physiological Interpretation of the Slope during an Isokinetic Fatigue Test. <i>International Journal of Sports Medicine</i> , 2015, 36, 680-683.	0.8	13
31	Do Performance-Based Wheelchair Propulsion Tests Detect Changes Among Manual Wheelchair Users With Spinal Cord Injury During Inpatient Rehabilitation in Quebec?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 1214-1218.	0.5	13
32	Intense and unpredictable perturbations during gait training improve dynamic balance abilities in chronic hemiparetic individuals: a randomized controlled pilot trial. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 79.	2.4	13
33	Gait adaptation during walking on an inclined pathway following spinal cord injury. <i>Clinical Biomechanics</i> , 2014, 29, 500-505.	0.5	12
34	Cortical dynamics of sensorimotor information processing associated with balance control in adolescents with and without idiopathic scoliosis. <i>Clinical Neurophysiology</i> , 2019, 130, 1752-1761.	0.7	12
35	More symmetrical gait after split-belt treadmill walking does not modify dynamic and postural balance in individuals post-stroke. <i>Journal of Electromyography and Kinesiology</i> , 2018, 41, 41-49.	0.7	10
36	Measuring dynamic stability requirements during sitting pivot transfers using stabilizing and destabilizing forces in individuals with complete motor paraplegia. <i>Journal of Biomechanics</i> , 2012, 45, 1554-1558.	0.9	9

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37	Unsupported Eyes Closed Sitting and Quiet Standing Share Postural Control Strategies in Healthy Individuals. <i>Motor Control</i> , 2015, 19, 10-24.	0.3	9
38	The effects of a strong desire to void on gait for incontinent and continent older community-dwelling women at risk of falls. <i>Neurourology and Urodynamics</i> , 2020, 39, 642-649.	0.8	7
39	Effects of an Overground Walking Program With a Robotic Exoskeleton on Long-Term Manual Wheelchair Users With a Chronic Spinal Cord Injury: Protocol for a Self-Controlled Interventional Study. <i>JMIR Research Protocols</i> , 2020, 9, e19251.	0.5	7
40	Balance during walking on an inclined instrumented pathway following incomplete spinal cord injury. <i>Spinal Cord</i> , 2015, 53, 387-394.	0.9	6
41	Effects of robotic exoskeleton control options on lower limb muscle synergies during overground walking: An exploratory study among able-bodied adults. <i>Neurophysiologie Clinique</i> , 2020, 50, 495-505.	1.0	6
42	Physiological Interpretation of the Slope during an Isokinetic Fatigue Test. <i>International Journal of Sports Medicine</i> , 2015, 36, e2-e2.	0.8	5
43	Gait-like vibration training improves gait abilities: a case report of a 62-year-old person with a chronic incomplete spinal cord injury. <i>Spinal Cord Series and Cases</i> , 2016, 2, 16012.	0.3	5
44	Slow and faster post-stroke walkers have a different trunk progression and braking impulse during gait. <i>Gait and Posture</i> , 2019, 68, 483-487.	0.6	5
45	Modulating The Gait Of A Real-Time Self-Avatar To Induce Changes In Stride Length During Treadmill Walking. , 2020, , .		5
46	How does wearable robotic exoskeleton affect overground walking performance measured with the 10-m and six-minute walk tests after a basic locomotor training in healthy individuals?. <i>Gait and Posture</i> , 2017, 58, 340-345.	0.6	4
47	Older women's perceptions of a programmable video monitoring system at home: A pilot study. <i>Gerontechnology</i> , 2019, 17, 245-254.	0.0	4
48	The Total Work Measured During a High Intensity Isokinetic Fatigue Test Is Associated With Anaerobic Work Capacity. <i>Journal of Sports Science and Medicine</i> , 2016, 15, 126-30.	0.7	4
49	Rehabilitation Supported by Technology: Protocol for an International Cocreation and User Experience Study. <i>JMIR Research Protocols</i> , 2022, 11, e34537.	0.5	4
50	Introducing a psychological postural threat alters gait and balance parameters among young participants but not among most older participants. <i>Experimental Brain Research</i> , 2017, 235, 1429-1438.	0.7	3
51	Simulation Modifies Prehension: Evidence for a Conjoined Representation of the Graspable Features of an Object and the Action of Grasping It. <i>PLoS ONE</i> , 2007, 2, e311.	1.1	2
52	Les difficultés du transfert des connaissances scientifiques à la pratique clinique. <i>Kinesithérapie</i> , 2010, 10, 49-54.	0.0	2
53	Rhythmic proprioceptive stimulation improves embodiment in a walking avatar when added to visual stimulation. , 2020, , .		2
54	Proprioceptive Stimulation Added to a Walking Self-Avatar Enhances the Illusory Perception of Walking in Static Participants. <i>Frontiers in Virtual Reality</i> , 2021, 2, .	2.5	1

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55	Perception of gait motion during multiple lower-limb vibrations in young healthy individuals: a pilot study. <i>Experimental Brain Research</i> , 2021, 239, 3267-3276.	0.7	1
56	Controllo posturale: fisiologia, concetti chiave e implicazioni per la riabilitazione. <i>EMC - Medicina Riabilitativa</i> , 2017, 24, 1-8.	0.0	0
57	Effect of local modulation of a real-time self-avatar on 3D gait kinematics during natural walking on a treadmill. , 2017, , .		0
58	Rilevanza e implicazioni dell'actimetria in riabilitazione. <i>EMC - Medicina Riabilitativa</i> , 2019, 26, 1-9.	0.0	0
59	Perception of Symmetry of Actual and Modulated Self-Avatar Gait Movements During Treadmill Walking. , 2022, , .		0
60	Where Are We on Proprioception Assessment Tests Among Poststroke Individuals? A Systematic Review of Psychometric Properties. <i>Journal of Neurologic Physical Therapy</i> , 2022, 46, 231-239.	0.7	0