Cyril Duclos

List of Publications by Year
in descending order

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	Rehabilitation Supported by Technology: Protocol for an International Cocreation and User Experience Study. JMIR Research Protocols, 2022, 11, e34537.	0.5	4
2	Perception of Symmetry of Actual and Modulated Self-Avatar Gait Movements During Treadmill Walking. , 2022, , .		0
3	Where Are We on Proprioception Assessment Tests Among Poststroke Individuals? A Systematic Review of Psychometric Properties. Journal of Neurologic Physical Therapy, 2022, 46, 231-239.	0.7	0
4	Proprioceptive Stimulation Added to a Walking Self-Avatar Enhances the Illusory Perception of Walking in Static Participants. Frontiers in Virtual Reality, 2021, 2, .	2.5	1
5	Perception of gait motion during multiple lower-limb vibrations in young healthy individuals: a pilot study. Experimental Brain Research, 2021, 239, 3267-3276.	0.7	1
6	The effects of a strong desire to void on gait for incontinent and continent older communityâ€dwelling women at risk of falls. Neurourology and Urodynamics, 2020, 39, 642-649.	0.8	7
7	Modulating The Gait Of A Real-Time Self-Avatar To Induce Changes In Stride Length During Treadmill Walking. , 2020, , .		5
8	Wearable exoskeleton control modes selected during overground walking affect muscle synergies in adults with a chronic incomplete spinal cord injury. Spinal Cord Series and Cases, 2020, 6, 26.	0.3	14
9	Rhythmic proprioceptive stimulation improves embodiment in a walking avatar when added to visual stimulation. , 2020, , .		2
10	Intense and unpredictable perturbations during gait training improve dynamic balance abilities in chronic hemiparetic individuals: a randomized controlled pilot trial. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 79.	2.4	13
11	Effects of robotic exoskeleton control options on lower limb muscle synergies during overground walking: An exploratory study among able-bodied adults. Neurophysiologie Clinique, 2020, 50, 495-505.	1.0	6
12	Cliniciansâ€™ perspectives on inertial measurement units in clinical practice. PLoS ONE, 2020, 15, e0241922.	1.1	28
13	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. JMIR Research Protocols, 2020, 9, e19251.	0.5	7
14	Cortical dynamics of sensorimotor information processing associated with balance control in adolescents with and without idiopathic scoliosis. Clinical Neurophysiology, 2019, 130, 1752-1761.	0.7	12
15	Slow and faster post-stroke walkers have a different trunk progression and braking impulse during gait. Gait and Posture, 2019, 68, 483-487.	0.6	5
16	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. Disability and Rehabilitation: Assistive Technology, 2019, 14, 138-145.	1.3	37
17	Activity Monitor Placed at the Nonparetic Ankle Is Accurate in Measuring Step Counts During Community Walking in Poststroke Individuals: A Validation Study. PM and R, 2019, 11, 963-971.	0.9	17
18	Older womenâ€™s perceptions of a programmable video monitoring system at home: A pilot study. Gerontechnology, 2019, 17, 245-254.	0.0	4

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19	Rilevanza e implicazioni dellâ€™actimetria in riabilitazione. EMC - Medicina Riabilitativa, 2019, 26, 1-9.	0.0	0
20	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. Annals of Physical and Rehabilitation Medicine, 2018, 61, 215-223.	1.1	40
21	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. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 12.	2.4	42
22	More symmetrical gait after split-belt treadmill walking does not modify dynamic and postural balance in individuals post-stroke. Journal of Electromyography and Kinesiology, 2018, 41, 41-49.	0.7	10
23	Introducing a psychological postural threat alters gait and balance parameters among young participants but not among most older participants. Experimental Brain Research, 2017, 235, 1429-1438.	0.7	3
24	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?. Gait and Posture, 2017, 58, 340-345.	0.6	4
25	Controllo posturale: fisiologia, concetti chiave e implicazioni per la riabilitazione. EMC - Medicina Riabilitativa, 2017, 24, 1-8.	0.0	0
26	Effect of local modulation of a real-time self-avatar on 3D gait kinematics during natural walking on a treadmill. , 2017, , .		0
27	A more symmetrical gait after split-belt treadmill walking increases the effort in paretic plantar flexors in people post-stroke. Journal of Rehabilitation Medicine, 2016, 48, 576-582.	0.8	22
28	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. Rehabilitation Research and Practice, 2016, 2016, 1-11.	0.5	23
29	Gait-like vibration training improves gait abilities: a case report of a 62-year-old person with a chronic incomplete spinal cord injury. Spinal Cord Series and Cases, 2016, 2, 16012.	0.3	5
30	Do Performance-Based Wheelchair Propulsion Tests Detect Changes Among Manual Wheelchair Users With Spinal Cord Injury During Inpatient Rehabilitation in Quebec?. Archives of Physical Medicine and Rehabilitation, 2016, 97, 1214-1218.	0.5	13
31	The Total Work Measured During a High Intensity Isokinetic Fatigue Test Is Associated With Anaerobic Work Capacity. Journal of Sports Science and Medicine, 2016, 15, 126-30.	0.7	4
32	Physiological Interpretation of the Slope during an Isokinetic Fatigue Test. International Journal of Sports Medicine, 2015, 36, e2-e2.	0.8	5
33	Unsupported Eyes Closed Sitting and Quiet Standing Share Postural Control Strategies in Healthy Individuals. Motor Control, 2015, 19, 10-24.	0.3	9
34	Quantifying dynamic and postural balance difficulty during gait perturbations using stabilizing/destabilizing forces. Journal of Biomechanics, 2015, 48, 441-448.	0.9	23
35	Postural control during gait initiation and termination of adults with incomplete spinal cord injury. Human Movement Science, 2015, 41, 20-31.	0.6	13
36	Balance during walking on an inclined instrumented pathway following incomplete spinal cord injury. Spinal Cord, 2015, 53, 387-394.	0.9	6

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37	Physiological Interpretation of the Slope during an Isokinetic Fatigue Test. International Journal of Sports Medicine, 2015, 36, 680-683.	0.8	13
38	Plantarflexion moment is a contributor to step length after-effect following walking on a split-belt treadmill in individuals with stroke and healthy individuals. Journal of Rehabilitation Medicine, 2014, 46, 849-857.	0.8	22
39	Complex muscle vibration patterns to induce gait-like lower-limb movements: Proof of concept. Journal of Rehabilitation Research and Development, 2014, 51, 245-252.	1.6	16
40	Perception Threshold of Locomotor Symmetry While Walking on a Split-Belt Treadmill in Healthy Elderly Individuals. Perceptual and Motor Skills, 2014, 118, 475-490.	0.6	17
41	Gait adaptation during walking on an inclined pathway following spinal cord injury. Clinical Biomechanics, 2014, 29, 500-505.	0.5	12
42	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. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 8.	2.4	43
43	Effects of walking with loads above the ankle on gait parameters of persons with hemiparesis after stroke. Clinical Biomechanics, 2014, 29, 265-271.	0.5	15
44	Role of proprioceptive information to control balance during gait in healthy and hemiparetic individuals. Gait and Posture, 2014, 40, 610-615.	0.6	25
45	Postural and dynamic balance while walking in adults with incomplete spinal cord injury. Journal of Electromyography and Kinesiology, 2014, 24, 739-746.	0.7	21
46	Influence of visual inputs on quasi-static standing postural steadiness in individuals with spinal cord injury. Gait and Posture, 2013, 38, 357-360.	0.6	38
47	Which trunk inclination directions best predict multidirectional-seated limits of stability among individuals with spinal cord injury?. Journal of Spinal Cord Medicine, 2012, 35, 343-350.	0.7	19
48	Measuring dynamic stability requirements during sitting pivot transfers using stabilizing and destabilizing forces in individuals with complete motor paraplegia. Journal of Biomechanics, 2012, 45, 1554-1558.	0.9	9
49	Dynamic stability requirements during gait and standing exergames on the wii fitÂ® system in the elderly. Journal of NeuroEngineering and Rehabilitation, 2012, 9, 28.	2.4	25
50	Guiding task-oriented gait training after stroke or spinal cord injury by means of a biomechanical gait analysis. Progress in Brain Research, 2011, 192, 161-180.	0.9	38
51	Les difficultÃ©s du transfert des connaissances scientifiques Ã la pratique clinique. Kinesitherapie, 2010, 10, 49-54.	0.0	2
52	Countering postural posteffects following prolonged exposure to whole-body vibration: a sensorimotor treatment. European Journal of Applied Physiology, 2009, 105, 235-245.	1.2	27
53	Destabilizing and stabilizing forces to assess equilibrium during everyday activities. Journal of Biomechanics, 2009, 42, 379-382.	0.9	35
54	Postural changes after sustained neck muscle contraction in persons with a lower leg amputation. Journal of Electromyography and Kinesiology, 2009, 19, e214-e222.	0.7	22

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55	Electrical stimulation and muscle strengthening. Annales De RÃ©adaptation Et De MÃ©decine Physique: Revue Scientifique De La SociÃ©tÃ© FranÃ§aise De RÃ©Ã©ducation Fonctionnelle De RÃ©adaptation Et De MÃ©decine Physique, 2008, 51, 441-451.	0.8	60
56	Lateral Trunk Displacement and Stability During Sit-to-Stand Transfer in Relation to Foot Placement in Patients With Hemiparesis. Neurorehabilitation and Neural Repair, 2008, 22, 715-722.	1.4	52
57	Vibration-induced post-effects: A means to improve postural asymmetry in lower leg amputees?. Gait and Posture, 2007, 26, 595-602.	0.6	44
58	Cerebral correlates of the â€œKohnstamm phenomenonâ€: An fMRI study. NeuroImage, 2007, 34, 774-783.	2.1	39
59	Simulation Modifies Prehension: Evidence for a Conjoined Representation of the Graspable Features of an Object and the Action of Grasping It. PLoS ONE, 2007, 2, e311.	1.1	2
60	Long-lasting body leanings following neck muscle isometric contractions. Experimental Brain Research, 2004, 158, 58-66.	0.7	43