Tiziana Lencioni

List of Publications by Year
in descending order

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21 papers	330 citations	932766 10 h-index	839053 18 g-index
21 all docs	21 docs citations	21 times ranked	395 citing authors

#	Article	IF	Citations
1	Human kinematic, kinetic and EMG data during different walking and stair ascending and descending tasks. Scientific Data, 2019, 6, 309.	2.4	70
2	Are Modular Activations Altered in Lower Limb Muscles of Persons with Multiple Sclerosis during Walking? Evidence from Muscle Synergies and Biomechanical Analysis. Frontiers in Human Neuroscience, 2016, 10, 620.	1.0	42
3	Postural stabilization and balance assessment in Charcotâ€“Marieâ€“Tooth 1A subjects. Gait and Posture, 2014, 40, 481-486.	0.6	29
4	Effects of robot therapy on upper body kinematics and arm function in persons post stroke: a pilot randomized controlled trial. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 10.	2.4	28
5	Instrumental Assessment of Stair Ascent in People With Multiple Sclerosis, Stroke, and Parkinsonâ€™s Disease: A Wearable-Sensor-Based Approach. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 2324-2332.	2.7	22
6	Measures of dynamic balance during level walking in healthy adult subjects: Relationship with age, anthropometry and spatio-temporal gait parameters. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2020, 234, 131-140.	1.0	21
7	Changes of gait pattern in children with Charcot-Marie-Tooth disease type 1A: a 18 months follow-up study. Journal of NeuroEngineering and Rehabilitation, 2013, 10, 65.	2.4	19
8	The influence of somatosensory and muscular deficits on postural stabilization: Insights from an instrumented analysis of subjects affected by different types of Charcotâ€“Marieâ€“Tooth disease. Neuromuscular Disorders, 2015, 25, 640-645.	0.3	16
9	The LAMB gait analysis protocol: Definition and experimental assessment of operator-related variability. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2019, 233, 342-353.	1.0	16
10	The Falls Efficacy Scale International is a valid measure to assess the concern about falling and its changes induced by treatments. Clinical Rehabilitation, 2022, 36, 558-570.	1.0	12
11	Strategies for maintaining dynamic balance in persons with neurological disorders during overground walking. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2021, 235, 1079-1087.	1.0	11
12	Responsiveness of gait analysis parameters in a cohort of 71 CMT subjects. Neuromuscular Disorders, 2017, 27, 1029-1037.	0.3	10
13	Improved Gait of Persons With Multiple Sclerosis After Rehabilitation: Effects on Lower Limb Muscle Synergies, Push-Off, and Toe-Clearance. Frontiers in Neurology, 2020, 11, 668.	1.1	9
14	Sequentially applied myoelectrically controlled FES in a task-oriented approach and robotic therapy for the recovery of upper limb in post-stroke patients: A randomized controlled pilot study. Technology and Health Care, 2021, 29, 419-429.	0.5	7
15	Electromyographic and biomechanical analysis of step negotiation in Charcot Marie Tooth subjects whose level walk is not impaired. Gait and Posture, 2018, 62, 497-504.	0.6	6
16	Smoothness of movement in idiopathic cervical dystonia. Scientific Reports, 2022, 12, 5090.	1.6	6
17	Events Detection of Anticipatory Postural Adjustments through a Wearable Accelerometer Sensor Is Comparable to That Measured by the Force Platform in Subjects with Parkinsonâ€™s Disease. Sensors, 2022, 22, 2668.	2.1	3
18	Modular organization of lower limbs in persons with multiple sclerosis and healthy persons during walking. Gait and Posture, 2015, 42, S14-S15.	0.6	1

#	Article	IF	Citations
19	Clinical validity of novel postural stabilization experimental indices based on hyperbolic transformation. Gait and Posture, 2019, 67, 147-150.	0.6	1
20	The effect of music-induced emotion on visual-spatial learning in people with Parkinson's disease: A pilot study. Parkinsonism and Related Disorders, 2022, 94, 120-123.	1.1	1
21	Movement smoothness impairment in idiopathic cervical dystonia. Journal of the Neurological Sciences, 2021, 429, 118076.	0.3	0