

# Alberto Marzegan

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

362  
citations

840776

11  
h-index

888059

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

613  
citing authors

#	ARTICLE	IF	CITATIONS
1	Smoothness of movement in idiopathic cervical dystonia. <i>Scientific Reports</i> , 2022, 12, 5090.	3.3	6
2	Uncovering Levodopa-Responsive Dystonic Tremor after Midbrain Stroke. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 980-982.	1.5	1
3	Strategies for maintaining dynamic balance in persons with neurological disorders during overground walking. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2021, 235, 1079-1087.	1.8	11
4	Assessment of Stability of MIMU Probes to Skin-Marker-Based Anatomical Reference Frames During Locomotion Tasks: Effect of Different Locations on the Lower Limb. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 721900.	4.1	5
5	The LAMB gait analysis protocol: Definition and experimental assessment of operator-related variability. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2019, 233, 342-353.	1.8	16
6	Human kinematic, kinetic and EMG data during different walking and stair ascending and descending tasks. <i>Scientific Data</i> , 2019, 6, 309.	5.3	70
7	Optoelectronic-system based characterization of a robotic device for evaluation and rehabilitation of balance disorders. , 2018, , .		0
8	Influence of the amount of body weight support on lower limb joints' kinematics during treadmill walking at different gait speeds: Reference data on healthy adults to define trajectories for robot assistance. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2018, 232, 619-627.	1.8	8
9	Effects of Functional Electrical Stimulation on Reducing Falls and Improving Gait Parameters in Multiple Sclerosis and Stroke. <i>PM and R</i> , 2017, 9, 339.	1.6	18
10	Regularity assessment of cyclic human movements: An innovative method based on wearable sensors. , 2017, , .		0
11	Gait initiation failure in patients with Progressive Supranuclear Palsy. <i>Gait and Posture</i> , 2016, 49, S28.	1.4	0
12	42. Long-lasting functional brain changes in a case study of cervical dystonia treated with botulinum toxin and motor relearning techniques. <i>Toxicon</i> , 2015, 93, S14-S15.	1.6	1
13	Gait Initiation in Children with Rett Syndrome. <i>PLoS ONE</i> , 2014, 9, e92736.	2.5	30
14	Analysis of relative displacement between the HX wearable robotic exoskeleton and the user's hand. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 147.	4.6	16
15	Novel <i>DYT11</i> gene mutation in patients without dopaminergic deficit (SWEDD) screened for dystonia. <i>Neurology</i> , 2014, 83, 1155-1162.	1.1	22
16	Walking efficiency assessment through the analysis of mechanical energy and energy recovery index. , 2013, , .		0
17	The Influence of Dopaminergic Striatal Innervation on Upper Limb Locomotor Synergies. <i>PLoS ONE</i> , 2012, 7, e51464.	2.5	17
18	A role for locus coeruleus in Parkinson tremor. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 179.	2.0	51

#	ARTICLE	IF	CITATIONS
19	Tridimensional kinematic analysis on a kayaking simulator: key factors to successful performance. <i>Sport Sciences for Health</i> , 2010, 6, 27-34.	1.3	30
20	Influence of basal ganglia on upper limb locomotor synergies. Evidence from deep brain stimulation and L-DOPA treatment in Parkinson's disease. <i>Brain</i> , 2008, 131, 3410-3420.	7.6	38
21	Effect of L-dopa and Subthalamic Nucleus stimulation on arm and leg swing during gait in Parkinson's Disease. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 6665-8.	0.5	22