

# Chiara Iacovelli

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

378  
citations

759233

12  
h-index

794594

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

610  
citing authors

#	ARTICLE	IF	CITATIONS
1	Small-World Characteristics of Cortical Connectivity Changes in Acute Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 81-94.	2.9	78
2	Acute cerebellar stroke and middle cerebral artery stroke exert distinctive modifications on functional cortical connectivity: A comparative study via EEG graph theory. <i>Clinical Neurophysiology</i> , 2019, 130, 997-1007.	1.5	32
3	Stroke Gait Rehabilitation: A Comparison of End-Effector, Overground Exoskeleton, and Conventional Gait Training. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2627.	2.5	27
4	Novel outcome measures for Charcot-Marie-Tooth disease: validation and reliability of the 6-min walk test and StepWatch Activity Monitor and identification of the walking features related to higher quality of life. <i>European Journal of Neurology</i> , 2016, 23, 1343-1350.	3.3	26
5	Upper limb joint kinematics using wearable magnetic and inertial measurement units: an anatomical calibration procedure based on bony landmark identification. <i>Scientific Reports</i> , 2019, 9, 14449.	3.3	25
6	Exoskeleton-assisted gait in chronic stroke: An EMG and functional near-infrared spectroscopy study of muscle activation patterns and prefrontal cortex activity. <i>Clinical Neurophysiology</i> , 2020, 131, 1775-1781.	1.5	23
7	Walking variations in healthy women wearing high-heeled shoes: Shoe size and heel height effects. <i>Gait and Posture</i> , 2018, 63, 195-201.	1.4	20
8	Efficacy of end-effector Robot-Assisted Gait Training in subacute stroke patients: Clinical and gait outcomes from a pilot bi-centre study. <i>NeuroRehabilitation</i> , 2019, 45, 201-212.	1.3	19
9	Exploring Risk of Falls and Dynamic Unbalance in Cerebellar Ataxia by Inertial Sensor Assessment. <i>Sensors</i> , 2019, 19, 5571.	3.8	19
10	Prefrontal cortex as a compensatory network in ataxic gait: A correlation study between cortical activity and gait parameters. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 177-187.	0.7	18
11	Efficacy of Robotic-Assisted Gait Training in chronic stroke patients: Preliminary results of an Italian bi-centre study. <i>NeuroRehabilitation</i> , 2017, 41, 775-782.	1.3	17
12	Trunk-lower limb coordination pattern during gait in patients with ataxia. <i>Gait and Posture</i> , 2017, 57, 252-257.	1.4	16
13	Actigraphic measurement of the upper limbs movements in acute stroke patients. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 153.	4.6	12
14	Use of a Virtual-Technological Sailing Program to Prepare Children With Disabilities for a Real Sailing Course. <i>Journal of Child Neurology</i> , 2016, 31, 1074-1080.	1.4	10
15	Actigraphic Measurement of the Upper Limbs for the Prediction of Ischemic Stroke Prognosis: An Observational Study. <i>Sensors</i> , 2021, 21, 2479.	3.8	7
16	Symptomatic intracranial atherosclerotic disease: an ultrasound 2-year follow-up pilot study. <i>Neurological Sciences</i> , 2018, 39, 1955-1959.	1.9	6
17	Are novel outcome measures for Charcot-Marie-Tooth disease sensitive to change? The 6-minute walk test and StepWatch Activity Monitor in a 12-month longitudinal study. <i>Neuromuscular Disorders</i> , 2019, 29, 310-316.	0.6	6
18	Defining a functional network homeostasis after stroke: EEG-based approach is complementary to functional MRI. <i>Brain</i> , 2017, 140, e71-e71.	7.6	5

#	ARTICLE	IF	CITATIONS
19	Connectivity modulations induced by reach&grasp movements: a multidimensional approach. Scientific Reports, 2021, 11, 23097.	3.3	4
20	Idiopathic inflammatory myopathies evaluated by near-infrared spectroscopy. Muscle and Nerve, 2015, 51, 830-837.	2.2	3
21	Connectivity Modulations induced by Reaching&Grasping Movements. , 2018, , .		2
22	Technological rehabilitation versus conventional rehabilitation following hip replacement: A prospective controlled study. Journal of Back and Musculoskeletal Rehabilitation, 2020, 33, 561-568.	1.1	2
23	Back Pain in Adolescents. Pediatric Emergency Care, 2019, Publish Ahead of Print, e716-e718.	0.9	1
24	Proposal of a Method Supporting the Interpretation of Gait Analysis Kinematic Data. Biosystems and Biorobotics, 2019, , 819-823.	0.3	0