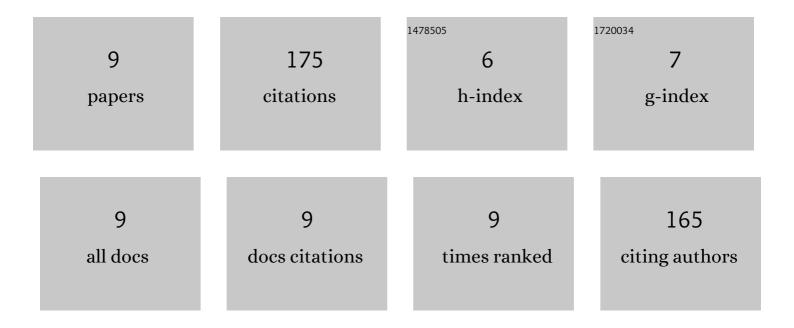
## Marta Moltedo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2350112/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Variable stiffness ankle actuator for use in robotic-assisted walking: Control strategy and experimental characterization. Mechanism and Machine Theory, 2019, 134, 604-624.	4.5	41
2	Design and evaluation of a torque-controllable knee joint actuator with adjustable series compliance and parallel elasticity. Mechanism and Machine Theory, 2018, 130, 71-85.	4.5	37
3	Powered ankle-foot orthoses: the effects of the assistance on healthy and impaired users while walking. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 86.	4.6	36
4	Design and Development of Customized Physical Interfaces to Reduce Relative Motion Between the User and a Powered Ankle Foot Exoskeleton. , 2018, , .		20
5	Walking with a powered ankle-foot orthosis: the effects of actuation timing and stiffness level on healthy users. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 98.	4.6	18
6	Varying mechanical compliance benefits energy efficiency of a knee joint actuator. Mechatronics, 2020, 66, 102318.	3.3	10
7	Realtime Delayless Estimation of Derivatives of Noisy Sensor Signals for Quasi-Cyclic Motions With Application to Joint Acceleration Estimation on an Exoskeleton. IEEE Robotics and Automation Letters, 2018, 3, 1647-1654.	5.1	8
8	Human Musculoskeletal and Energetic Adaptations to Unilateral Robotic Knee Gait Assistance. IEEE Transactions on Biomedical Engineering, 2022, 69, 1141-1150.	4.2	4
9	Improving skin artifacts compensation for knee flexion/extension and knee internal/external rotation. , 2014, , .		1