

# Marta Moltedo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2350112/publications.pdf>

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9  
papers

175  
citations

1478505

6  
h-index

1720034

7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Musculoskeletal and Energetic Adaptations to Unilateral Robotic Knee Gait Assistance. IEEE Transactions on Biomedical Engineering, 2022, 69, 1141-1150.	4.2	4
2	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
3	Varying mechanical compliance benefits energy efficiency of a knee joint actuator. Mechatronics, 2020, 66, 102318.	3.3	10
4	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
5	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
6	Design and Development of Customized Physical Interfaces to Reduce Relative Motion Between the User and a Powered Ankle Foot Exoskeleton. , 2018, , .		20
7	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
8	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
9	Improving skin artifacts compensation for knee flexion/extension and knee internal/external rotation. , 2014, , .		1