

Reducing the energy cost of human walking using an un

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Design of a simple, lightweight, passive-elastic ankle exoskeleton supporting ankle joint stiffness. Review of Scientific Instruments, 2015, 86, 095107.	0.6	9
2	Learning to walk with an adaptive gain proportional myoelectric controller for a robotic ankle exoskeleton. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 97.	2.4	124
3	Direct Measurements of Local Coupling between Myosin Molecules Are Consistent with a Model of Muscle Activation. PLoS Computational Biology, 2015, 11, e1004599.	1.5	9
4	The Effects of Varying Ankle Foot Orthosis Stiffness on Gait in Children with Spastic Cerebral Palsy Who Walk with Excessive Knee Flexion. PLoS ONE, 2015, 10, e0142878.	1.1	76
5	Initial investigation into the effect of an Active/Passive exoskeleton on hammer curl performance in healthy subjects. , 2015, 2015, 3607-10.		3
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7	An experimental comparison of the relative benefits of work and torque assistance in ankle exoskeletons. Journal of Applied Physiology, 2015, 119, 541-557.	1.2	164
8	A Review on Compliant Joint Mechanisms for Lower Limb Exoskeletons. Journal of Robotics, 2016, 2016, 1-9.	0.6	20
9	Stretching Your Energetic Budget: How Tendon Compliance Affects the Metabolic Cost of Running. PLoS ONE, 2016, 11, e0150378.	1.1	95
10	Powered exoskeletons for bipedal locomotion after spinal cord injury. Journal of Neural Engineering, 2016, 13, 031001.	1.8	148
11	Compliant actuation for energy efficient impedance modulation. , 2016, , .		22
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14	Preliminary Design and Engineering Evaluation of a Hydraulic Ankle Foot Orthosis. Journal of Medical Devices, Transactions of the ASME, 2016, 10, .	0.4	5
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17	Effect of timing of hip extension assistance during loaded walking with a soft exosuit. Journal of NeuroEngineering and Rehabilitation, 2016, 13, 87.	2.4	134
18	Analysis of an Energy Saving Ratchet-Based Ankle Exoskeleton. , 2016, , .		0

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20	Using position dependent damping forces around reaching targets for transporting heavy objects: A Fitts' law approach. , 2016, , .		3
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