Pierluigi Beomonte Zobel

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8256011/publications.pdf

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13	197	1307594 7	1125743 13
papers	citations	h-index	g-index

13	13	13	183
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling-Based EMG Signal (MBES) Classifier for Robotic Remote-Control Purposes. Actuators, 2022, 11, 65.	2.3	8
2	Development of a Novel Pneumatic Oscillator for the Tissue Paper Industry. Machines, 2021, 9, 261.	2.2	1
3	A Procedure for the Fatigue Life Prediction of Straight Fibers Pneumatic Muscles. Actuators, 2021, 10, 300.	2.3	5
4	Biomechanical Design and Prototyping of a Powered Ankle-Foot Prosthesis. Materials, 2020, 13, 5806.	2.9	10
5	Autonomous robot for cleaning photovoltaic panels in desert zones. Mechatronics, 2020, 68, 102372.	3.3	27
6	Additive Manufacturing Applications on Flexible Actuators for Active Orthoses and Medical Devices. Journal of Healthcare Engineering, 2019, 2019, 1-11.	1.9	2
7	A Telemedicine Robot System for Assisted and Independent Living. Sensors, 2019, 19, 834.	3.8	51
8	Powered off-road wheelchair for the transportation of tetraplegics along mountain trails. Disability and Rehabilitation: Assistive Technology, 2019, 14, 172-181.	2.2	5
9	Development of a Straight Fibers Pneumatic Muscle. International Journal of Automation Technology, 2018, 12, 413-423.	1.0	15
10	Development of an Active Orthosis for Inferior Limb with Light Structure. Mechanisms and Machine Science, 2018, , 833-841.	0.5	5
11	Development of an Active Exoskeleton for Assisting Back Movements in Lifting Weights. International Journal of Mechanical Engineering and Robotics Research, 2018, 7, 353-360.	1.0	20
12	Development and testing of a grasper for NOTES powered by variable stiffness pneumatic actuation. International Journal of Medical Robotics and Computer Assisted Surgery, 2017, 13, e1796.	2.3	12
13	Numerical modelling and experimental validation of a McKibben pneumatic muscle actuator. Journal of Intelligent Material Systems and Structures, 2017, 28, 2737-2748.	2.5	36