

Allan Joshua Veale

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

268
citations

1478458

6
h-index

1474186

9
g-index

11
all docs

11
docs citations

11
times ranked

455
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards compliant and wearable robotic orthoses: A review of current and emerging actuator technologies. <i>Medical Engineering and Physics</i> , 2016, 38, 317-325.	1.7	130
2	Adaptive Trajectory Tracking Control of a Parallel Ankle Rehabilitation Robot With Joint-Space Force Distribution. <i>IEEE Access</i> , 2019, 7, 85812-85820.	4.2	45
3	Modeling the Peano fluidic muscle and the effects of its material properties on its static and dynamic behavior. <i>Smart Materials and Structures</i> , 2016, 25, 065014.	3.5	26
4	Characterizing the Peano fluidic muscle and the effects of its geometry properties on its behavior. <i>Smart Materials and Structures</i> , 2016, 25, 065013.	3.5	22
5	Soft, Wearable, and Pleated Pneumatic Interference Actuator Provides Knee Extension Torque for Sit-to-Stand. <i>Soft Robotics</i> , 2021, 8, 28-43.	8.0	21
6	Design, Control and Evaluation of the Electro-Hydrostatic Actuator, PREHydra, for Gait Restoration Exoskeleton Technology. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2021, 3, 156-165.	3.2	8
7	The smart Peano fluidic muscle: a low profile flexible orthosis actuator that feels pain. <i>Proceedings of SPIE</i> , 2015, , .	0.8	6
8	The PREHydra: A Passive Return, High Force Density, Electro-Hydrostatic Actuator Concept for Wearable Robotics. <i>IEEE Robotics and Automation Letters</i> , 2018, 3, 3569-3574.	5.1	6
9	Accurate multivariable arbitrary piecewise model regression of McKibben and Peano muscle static and damping force behavior. <i>Smart Materials and Structures</i> , 2018, 27, 105048.	3.5	4
10	Dielectric elastomer strain and pressure sensing enable reactive soft fluidic muscles. , 2016, , .		0
11	Accurate and versatile multivariable arbitrary piecewise model regression of nonlinear fluidic muscle behavior. , 2017, , .		0