

Wyatt Felt

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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467
citing authors

#	ARTICLE	IF	CITATIONS
1	"Body-In-The-Loop": Optimizing Device Parameters Using Measures of Instantaneous Energetic Cost. PLoS ONE, 2015, 10, e0135342.	1.1	97
2	Contraction Sensing With Smart Braid McKibben Muscles. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1201-1209.	3.7	79
3	Modeling vacuum bellows soft pneumatic actuators with optimal mechanical performance. , 2018, , .		35
4	An inductance-based sensing system for bellows-driven continuum joints in soft robots. Autonomous Robots, 2019, 43, 435-448.	3.2	33
5	Smart Braid Feedback for the Closed-Loop Control of Soft Robotic Systems. Soft Robotics, 2017, 4, 261-273.	4.6	29
6	Detecting and localizing failure points in proton exchange membrane fuel cells using IR thermography. Journal of Power Sources, 2014, 253, 224-229.	4.0	28
7	Folded-Tube Soft Pneumatic Actuators for Bending. Soft Robotics, 2019, 6, 174-183.	4.6	28
8	Smart braid: Air muscles that measure force and displacement. , 2014, , .		25
9	A Compact Modular Soft Surface With Reconfigurable Shape and Stiffness. IEEE/ASME Transactions on Mechatronics, 2019, 24, 16-24.	3.7	22
10	A Closed-Form Kinematic Model for Fiber-Reinforced Elastomeric Enclosures. Journal of Mechanisms and Robotics, 2018, 10, .	1.5	13
11	Modeling and Design of "Smart Braid" Inductance Sensors for Fiber-Reinforced Elastomeric Enclosures. IEEE Sensors Journal, 2018, 18, 2827-2835.	2.4	12
12	Sensing the motion of bellows through changes in mutual inductance. , 2016, , .		11
13	An Inductance-Based Sensing System for Bellows-Driven Continuum Joints in Soft Robots. , 0, , .		10