

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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citing authors

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