

Jennifer C Case

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8743239/publications.pdf>

Version: 2024-02-01

17
papers

679
citations

933447

10
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

922
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft Material Characterization for Robotic Applications. <i>Soft Robotics</i> , 2015, 2, 80-87.	8.0	160
2	OmniSkins: Robotic skins that turn inanimate objects into multifunctional robots. <i>Science Robotics</i> , 2018, 3, .	17.6	97
3	Multi-mode strain and curvature sensors for soft robotic applications. <i>Sensors and Actuators A: Physical</i> , 2017, 253, 188-197.	4.1	75
4	Low-Cost, Facile, and Scalable Manufacturing of Capacitive Sensors for Soft Systems. <i>Advanced Materials Technologies</i> , 2017, 2, 1700072.	5.8	75
5	Variable stiffness fabrics with embedded shape memory materials for wearable applications. , 2014, , .		62
6	An addressable pneumatic regulator for distributed control of soft robots. , 2018, , .		34
7	Sensor enabled closed-loop bending control of soft beams. <i>Smart Materials and Structures</i> , 2016, 25, 045018.	3.5	32
8	Conformable actuation and sensing with robotic fabric. , 2014, , .		27
9	A Soft Parallel Kinematic Mechanism. <i>Soft Robotics</i> , 2018, 5, 36-53.	8.0	22
10	Multi-Element Strain Gauge Modules for Soft Sensory Skins. <i>IEEE Sensors Journal</i> , 2016, 16, 2607-2616.	4.7	17
11	Reducing Actuator Requirements in Continuum Robots Through Optimized Cable Routing. <i>Soft Robotics</i> , 2018, 5, 109-118.	8.0	15
12	Robotic Skins That Learn to Control Passive Structures. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 2485-2492.	5.1	15
13	State and stiffness estimation using robotic fabrics. , 2018, , .		13
14	Surface Actuation and Sensing of a Tensegrity Structure Using Robotic Skins. <i>Soft Robotics</i> , 2021, 8, 531-541.	8.0	11
15	Sensor Skins: An Overview. <i>Microsystems and Nanosystems</i> , 2016, , 173-191.	0.1	10
16	Design for Control of a Soft Bidirectional Bending Actuator. , 2018, , .		10
17	Spinal Helical Actuation Patterns for Locomotion in Soft Robots. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 3814-3821.	5.1	4