

Erbao Dong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4341146/publications.pdf>

Version: 2024-02-01

9
papers

287
citations

1478505

6
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft and smart modular structures actuated by shape memory alloy (SMA) wires as tentacles of soft robots. <i>Smart Materials and Structures</i> , 2016, 25, 085026.	3.5	107
2	Gait study and pattern generation of a starfish-like soft robot with flexible rays actuated by SMAs. <i>Journal of Bionic Engineering</i> , 2014, 11, 400-411.	5.0	102
3	Soft Gripper Design Based on the Integration of Flat Dry Adhesive, Soft Actuator, and Microspine. <i>IEEE Transactions on Robotics</i> , 2021, 37, 1065-1080.	10.3	36
4	A Bioinspired Composite Finger With Self-Locking Joints. <i>IEEE Robotics and Automation Letters</i> , 2021, 6, 1391-1398.	5.1	13
5	Tunable smart digital structure (SDS) to modularly assemble soft actuators with layered adhesive bonding. <i>Smart Materials and Structures</i> , 2018, 27, 015012.	3.5	9
6	A new robotic tactile sensor with bio-mimetic structural colour inspired by Morpho butterflies. <i>Bioinspiration and Biomimetics</i> , 2019, 14, 056010.	2.9	9
7	A Smart and Hybrid Composite Finger with Biomimetic Tapping Motion for Soft Prosthetic Hand. <i>Journal of Bionic Engineering</i> , 2020, 17, 484-500.	5.0	7
8	Inchworm-inspired soft climbing robot using microspine arrays. , 2019, , .		3
9	Subtle Vibration Sensing and Dimension Measurement with a Bio-inspired Optical Tactile Sensor. , 2019, , .		1