

Daniel M Vogt

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

4,017
citations

471509

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794594

19
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docs citations

23
times ranked

5543
citing authors

#	ARTICLE	IF	CITATIONS
1	A Wearable Soft Haptic Communicator Based on Dielectric Elastomer Actuators. <i>Soft Robotics</i> , 2020, 7, 451-461.	8.0	93
2	Robotic Textiles: Smart Thermally Actuating Textiles (<i>Adv. Mater. Technol.</i> 8/2020). <i>Advanced Materials Technologies</i> , 2020, 5, 2070050.	5.8	0
3	Smart Thermally Actuating Textiles. <i>Advanced Materials Technologies</i> , 2020, 5, 2000383.	5.8	35
4	Ultra-gentle soft robotic fingers induce minimal transcriptomic response in a fragile marine animal. <i>Current Biology</i> , 2020, 30, R157-R158.	3.9	9
5	Actuators: Tension Pistons: Amplifying Piston Force Using Fluid-Induced Tension in Flexible Materials (<i>Adv. Funct. Mater.</i> 30/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970208.	14.9	0
6	Ultrgentle manipulation of delicate structures using a soft robotic gripper. <i>Science Robotics</i> , 2019, 4, .	17.6	186
7	Tension Pistons: Amplifying Piston Force Using Fluid-Induced Tension in Flexible Materials. <i>Advanced Functional Materials</i> , 2019, 29, 1901419.	14.9	21
8	Soft Sensors for Curvature Estimation under Water in a Soft Robotic Fish. , 2019, , .		10
9	Ultrastrong and High-Stroke Wireless Soft Actuators through Liquid-Gas Phase Change. <i>Advanced Materials Technologies</i> , 2019, 4, 1800381.	5.8	36
10	Biocompatible Soft Fluidic Strain and Force Sensors for Wearable Devices. <i>Advanced Functional Materials</i> , 2019, 29, 1807058.	14.9	70
11	Soft Somatosensitive Actuators via Embedded 3D Printing. <i>Advanced Materials</i> , 2018, 30, e1706383.	21.0	398
12	Soft Robotics: Soft Somatosensitive Actuators via Embedded 3D Printing (<i>Adv. Mater.</i> 15/2018). <i>Advanced Materials</i> , 2018, 30, 1870106.	21.0	12
13	A Dexterous, Glove-Based Teleoperable Low-Power Soft Robotic Arm for Delicate Deep-Sea Biological Exploration. <i>Scientific Reports</i> , 2018, 8, 14779.	3.3	98
14	Compact Dielectric Elastomer Linear Actuators. <i>Advanced Functional Materials</i> , 2018, 28, 1804328.	14.9	157
15	Shipboard design and fabrication of custom 3D-printed soft robotic manipulators for the investigation of delicate deep-sea organisms. <i>PLoS ONE</i> , 2018, 13, e0200386.	2.5	58
16	Undulatory Swimming Performance and Body Stiffness Modulation in a Soft Robotic Fish-Inspired Physical Model. <i>Soft Robotics</i> , 2017, 4, 202-210.	8.0	82
17	Batch Fabrication of Customizable Silicone-Textile Composite Capacitive Strain Sensors for Human Motion Tracking. <i>Advanced Materials Technologies</i> , 2017, 2, 1700136.	5.8	301
18	Fluid-driven origami-inspired artificial muscles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13132-13137.	7.1	499

#	ARTICLE	IF	CITATIONS
19	Capacitive Soft Strain Sensors via Multicore“Shell Fiber Printing. <i>Advanced Materials</i> , 2015, 27, 2440-2446.	21.0	372
20	Wrist angle measurements using soft sensors. , 2014, , .		6
21	Embedded 3D Printing of Strain Sensors within Highly Stretchable Elastomers. <i>Advanced Materials</i> , 2014, 26, 6307-6312.	21.0	1,314
22	Design and Characterization of a Soft Multi-Axis Force Sensor Using Embedded Microfluidic Channels. <i>IEEE Sensors Journal</i> , 2013, 13, 4056-4064.	4.7	240