

Antonia Georgopoulou

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Adhesion and Stiffness Matching in Epoxy-Vitrimers/Strain Sensor Fiber Laminates. ACS Applied Polymer Materials, 2022, 4, 1264-1275.	2.0	9
2	Case study of a rapid prototyping method for optimizing soft gripper structures with integrated piezoresistive sensors. , 2022, , .		3
3	Pellet-based fused deposition modeling for the development of soft compliant robotic grippers with integrated sensing elements. Flexible and Printed Electronics, 2022, 7, 025010.	1.5	13
4	Piezoresistive sensor fiber composites based on silicone elastomers for the monitoring of the position of a robot arm. Sensors and Actuators A: Physical, 2021, 318, 112433.	2.0	43
5	2D Printing of Piezoresistive Auxetic Silicone Sensor Structures. IEEE Robotics and Automation Letters, 2021, 6, 2541-2546.	3.3	9
6	Using Redundant and Disjoint Time-Variant Soft Robotic Sensors for Accurate Static State Estimation. IEEE Robotics and Automation Letters, 2021, 6, 2099-2105.	3.3	19
7	Sensorized Robotic Skin Based on Piezoresistive Sensor Fiber Composites Produced with Injection Molding of Liquid Silicone. Polymers, 2021, 13, 1226.	2.0	19
8	A Sensorized Soft Pneumatic Actuator Fabricated with Extrusion-Based Additive Manufacturing. Actuators, 2021, 10, 102.	1.2	29
9	A Soft Pneumatic Actuator with Integrated Deformation Sensing Elements Produced Exclusively with Extrusion Based Additive Manufacturing. Engineering Proceedings, 2021, 6, .	0.4	1
10	A review on self-healing polymers for soft robotics. Materials Today, 2021, 47, 187-205.	8.3	150
11	Supramolecular Self-Healing Sensor Fiber Composites for Damage Detection in Piezoresistive Electronic Skin for Soft Robots. Polymers, 2021, 13, 2983.	2.0	12
12	Fabrication of a Soft Robotic Gripper With Integrated Strain Sensing Elements Using Multi-Material Additive Manufacturing. Frontiers in Robotics and AI, 2021, 8, 615991.	2.0	26
13	Thermoplastic elastomer composite filaments for strain sensing applications extruded with a fused deposition modelling 3D printer. Flexible and Printed Electronics, 2020, 5, 035002.	1.5	29
14	Piezoresistive Elastomer-Based Composite Strain Sensors and Their Applications. ACS Applied Electronic Materials, 2020, 2, 1826-1842.	2.0	69
15	Effect of the Elastomer Matrix on Thermoplastic Elastomer-Based Strain Sensor Fiber Composites. Sensors, 2020, 20, 2399.	2.1	21