

# Edward L White

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1037492/publications.pdf>

Version: 2024-02-01

17  
papers

1,204  
citations

840776

11  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1695  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Writing of Gallium-Indium Alloy for Stretchable Electronics. <i>Advanced Functional Materials</i> , 2014, 24, 3501-3507.	14.9	450
2	Soft Material Characterization for Robotic Applications. <i>Soft Robotics</i> , 2015, 2, 80-87.	8.0	160
3	OmniSkins: Robotic skins that turn inanimate objects into multifunctional robots. <i>Science Robotics</i> , 2018, 3, .	17.6	97
4	Liquid metal particle popping: Macroscale to nanoscale. <i>Extreme Mechanics Letters</i> , 2017, 13, 126-134.	4.1	90
5	Monolithic fabrication of sensors and actuators in a soft robotic gripper. , 2015, , .		75
6	Multi-mode strain and curvature sensors for soft robotic applications. <i>Sensors and Actuators A: Physical</i> , 2017, 253, 188-197.	4.1	75
7	Low-Cost, Facile, and Scalable Manufacturing of Capacitive Sensors for Soft Systems. <i>Advanced Materials Technologies</i> , 2017, 2, 1700072.	5.8	75
8	An addressable pneumatic regulator for distributed control of soft robots. , 2018, , .		34
9	Sensor enabled closed-loop bending control of soft beams. <i>Smart Materials and Structures</i> , 2016, 25, 045018.	3.5	32
10	A move-and-hold pneumatic actuator enabled by self-softening variable stiffness materials. , 2017, , .		22
11	A Soft Parallel Kinematic Mechanism. <i>Soft Robotics</i> , 2018, 5, 36-53.	8.0	22
12	Multi-Element Strain Gauge Modules for Soft Sensory Skins. <i>IEEE Sensors Journal</i> , 2016, 16, 2607-2616.	4.7	17
13	Fabric sensory sleeves for soft robot state estimation. , 2017, , .		17
14	Reducing Actuator Requirements in Continuum Robots Through Optimized Cable Routing. <i>Soft Robotics</i> , 2018, 5, 109-118.	8.0	15
15	Hybrid Self-Assembly during Evaporation Enables Drop-on-Demand Thin Film Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 34171-34178.	8.0	12
16	Nanoparticles: Mechanically Sintered Gallium-Indium Nanoparticles (Adv. Mater. 14/2015). <i>Advanced Materials</i> , 2015, 27, 2270-2270.	21.0	6
17	Stretchable Electronics: Direct Writing of Gallium-Indium Alloy for Stretchable Electronics (Adv. Tj ETQq1 1 0.784314 rgBT <sub>5</sub> /Overlock	14.9	5