

Shuo Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

2,731
citations

14
h-index

22
g-index

22
ext. papers

3,347
ext. citations

17.8
avg, IF

5.2
L-index

#	Paper	IF	Citations
20	Mechanically Guided Hierarchical Assembly of 3D Mesostructures.. <i>Advanced Materials</i> , 2022 , e2109416	24	1
19	Implantable, wireless, self-fixing thermal sensors for continuous measurements of microvascular blood flow in flaps and organ grafts.. <i>Biosensors and Bioelectronics</i> , 2022 , 206, 114145	11.8	2
18	Complex 3D microfluidic architectures formed by mechanically guided compressive buckling. <i>Science Advances</i> , 2021 , 7, eabj3686	14.3	11
17	Elastomeric Haptic Devices for Virtual and Augmented Reality. <i>Advanced Functional Materials</i> , 2021 , 31, 2009364	15.6	7
16	Digital light processing of liquid crystal elastomers for self-sensing artificial muscles. <i>Science Advances</i> , 2021 , 7,	14.3	26
15	3D Printing of Viscoelastic Suspensions via Digital Light Synthesis for Tough Nanoparticle-Elastomer Composites. <i>Advanced Materials</i> , 2020 , 32, e2001646	24	15
14	Stretchable distributed fiber-optic sensors. <i>Science</i> , 2020 , 370, 848-852	33.3	90
13	Bioinspiriertes Design und additive Fertigung von weichen Materialien, Maschinen, Robotern und haptischen Schnittstellen. <i>Angewandte Chemie</i> , 2019 , 131, 11300-11324	3.6	2
12	Bio-inspired Design and Additive Manufacturing of Soft Materials, Machines, Robots, and Haptic Interfaces. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11182-11204	16.4	58
11	Mechanically transformative electronics, sensors, and implantable devices. <i>Science Advances</i> , 2019 , 5, eaay0418	14.3	70
10	Simple Synthesis of Elastomeric Photomechanical Switches That Self-Heal. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1800815	4.8	15
9	Untethered Stretchable Displays for Tactile Interaction. <i>Soft Robotics</i> , 2019 , 6, 142-149	9.2	9
8	Flexible and stretchable sensors for fluidic elastomer actuated soft robots. <i>MRS Bulletin</i> , 2017 , 42, 138-142	14.2	60
7	Preparation and implementation of optofluidic neural probes for in vivo wireless pharmacology and optogenetics. <i>Nature Protocols</i> , 2017 , 12, 219-237	18.8	44
6	Stretchable surfaces with programmable 3D texture morphing for synthetic camouflaging skins. <i>Science</i> , 2017 , 358, 210-214	33.3	155
5	Highly stretchable electroluminescent skin for optical signaling and tactile sensing. <i>Science</i> , 2016 , 351, 1071-4	33.3	841
4	Optoelectronically innervated soft prosthetic hand via stretchable optical waveguides. <i>Science Robotics</i> , 2016 , 1,	18.6	386

3	A Stretchable Multicolor Display and Touch Interface Using Photopatterning and Transfer Printing. <i>Advanced Materials</i> , 2016 , 28, 9770-9775	24	102
2	Wireless Optofluidic Systems for Programmable In Vivo Pharmacology and Optogenetics. <i>Cell</i> , 2015 , 162, 662-74	56.2	326
1	Materials and optimized designs for human-machine interfaces via epidermal electronics. <i>Advanced Materials</i> , 2013 , 25, 6839-46	24	509