

Shuo Li

List of Publications by Citations

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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	Highly stretchable electroluminescent skin for optical signaling and tactile sensing. <i>Science</i> , 2016 , 351, 1071-4	33.3	841
19	Materials and optimized designs for human-machine interfaces via epidermal electronics. <i>Advanced Materials</i> , 2013 , 25, 6839-46	24	509
18	Optoelectronically innervated soft prosthetic hand via stretchable optical waveguides. <i>Science Robotics</i> , 2016 , 1,	18.6	386
17	Wireless Optofluidic Systems for Programmable In Vivo Pharmacology and Optogenetics. <i>Cell</i> , 2015 , 162, 662-74	56.2	326
16	Stretchable surfaces with programmable 3D texture morphing for synthetic camouflaging skins. <i>Science</i> , 2017 , 358, 210-214	33.3	155
15	A Stretchable Multicolor Display and Touch Interface Using Photopatterning and Transfer Printing. <i>Advanced Materials</i> , 2016 , 28, 9770-9775	24	102
14	Stretchable distributed fiber-optic sensors. <i>Science</i> , 2020 , 370, 848-852	33.3	90
13	Mechanically transformative electronics, sensors, and implantable devices. <i>Science Advances</i> , 2019 , 5, eaay0418	14.3	70
12	Flexible and stretchable sensors for fluidic elastomer actuated soft robots. <i>MRS Bulletin</i> , 2017 , 42, 138-142	14.2	60
11	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
10	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
9	Digital light processing of liquid crystal elastomers for self-sensing artificial muscles. <i>Science Advances</i> , 2021 , 7,	14.3	26
8	3D Printing of Viscoelastic Suspensions via Digital Light Synthesis for Tough Nanoparticle-Elastomer Composites. <i>Advanced Materials</i> , 2020 , 32, e2001646	24	15
7	Simple Synthesis of Elastomeric Photomechanical Switches That Self-Heal. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1800815	4.8	15
6	Complex 3D microfluidic architectures formed by mechanically guided compressive buckling. <i>Science Advances</i> , 2021 , 7, eabj3686	14.3	11
5	Untethered Stretchable Displays for Tactile Interaction. <i>Soft Robotics</i> , 2019 , 6, 142-149	9.2	9
4	Elastomeric Haptic Devices for Virtual and Augmented Reality. <i>Advanced Functional Materials</i> , 2021 , 31, 2009364	15.6	7

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| 3 | Bioinspiriertes Design und additive Fertigung von weichen Materialien, Maschinen, Robotern und haptischen Schnittstellen. <i>Angewandte Chemie</i> , 2019 , 131, 11300-11324 | 3.6 | 2 |
| 2 | 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 |
| 1 | Mechanically Guided Hierarchical Assembly of 3D Mesostructures.. <i>Advanced Materials</i> , 2022 , e2109416 | 24 | 1 |