

Seung Hee Jeong

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.

18
papers

1,010
citations

13
h-index

20
g-index

20
ext. papers

1,197
ext. citations

7.6
avg, IF

4.58
L-index

#	Paper	IF	Citations
18	Head-compliant microstrip split ring resonator for non-invasive healing monitoring after craniostynosis-based surgery. <i>Healthcare Technology Letters</i> , 2020 , 7, 29-34	1.9	2
17	Investigation of thermal conductivity for liquid metal composites using the micromechanics-based mean-field homogenization theory. <i>Soft Matter</i> , 2020 , 16, 5840-5847	3.6	6
16	Magnetic Continuum Device with Variable Stiffness for Minimally Invasive Surgery. <i>Advanced Intelligent Systems</i> , 2020 , 2, 1900086	6	46
15	Phase Changing Materials-Based Variable-Stiffness Tensegrity Structures. <i>Soft Robotics</i> , 2020 , 7, 362-369	9.2	18
14	Bio-inspired untethered fully soft robots in liquid actuated by induced energy gradients. <i>National Science Review</i> , 2019 , 6, 970-981	10.8	8
13	Seamless modulus gradient structures for highly resilient, stretchable system integration. <i>Materials Today Physics</i> , 2018 , 4, 28-35	8	19
12	High-Resolution Liquid Alloy Patterning for Small Stretchable Strain Sensor Arrays. <i>Advanced Materials Technologies</i> , 2018 , 3, 1700330	6.8	12
11	Ultrastretchable Strain Sensors Using Carbon Black-Filled Elastomer Composites and Comparison of Capacitive Versus Resistive Sensors. <i>Advanced Materials Technologies</i> , 2018 , 3, 1700284	6.8	139
10	Stretchable Thermoelectric Generators Metallized with Liquid Alloy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15791-15797	9.5	50
9	PDMS-Based Elastomer Tuned Soft, Stretchable, and Sticky for Epidermal Electronics. <i>Advanced Materials</i> , 2016 , 28, 5830-6	24	196
8	Microfluidic Stretchable Radio-Frequency Devices. <i>Proceedings of the IEEE</i> , 2015 , 103, 1211-1225	14.3	23
7	Tape transfer atomization patterning of liquid alloys for microfluidic stretchable wireless power transfer. <i>Scientific Reports</i> , 2015 , 5, 8419	4.9	105
6	Stretchable wireless power transfer with a liquid alloy coil 2015 ,		1
5	Mechanically Stretchable and Electrically Insulating Thermal Elastomer Composite by Liquid Alloy Droplet Embedment. <i>Scientific Reports</i> , 2015 , 5, 18257	4.9	84
4	Graphene as a Diffusion Barrier in Galinstan-Solid Metal Contacts. <i>IEEE Transactions on Electron Devices</i> , 2014 , 61, 2996-3000	2.9	29
3	Understanding interfacial charge transfer between metallic PEDOT counter electrodes and a cobalt redox shuttle in dye-sensitized solar cells. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 2074-9	9.5	40
2	Tape transfer printing of a liquid metal alloy for stretchable RF electronics. <i>Sensors</i> , 2014 , 14, 16311-21	3.8	52

- 1 Liquid alloy printing of microfluidic stretchable electronics. *Lab on A Chip*, **2012**, 12, 4657-64 7.2 170