

# Seung Hee Jeong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7181795/publications.pdf>

Version: 2024-02-01

19  
papers

1,393  
citations

567281

15  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Continuum Device with Variable Stiffness for Minimally Invasive Surgery. <i>Advanced Intelligent Systems</i> , 2020, 2, 1900086.	6.1	92
2	Phase Changing Materials-Based Variable-Stiffness Tensegrity Structures. <i>Soft Robotics</i> , 2020, 7, 362-369.	8.0	40
3	Head-compliant microstrip split ring resonator for non-invasive healing monitoring after craniostomosis-based surgery. <i>Healthcare Technology Letters</i> , 2020, 7, 29-34.	3.3	3
4	Investigation of thermal conductivity for liquid metal composites using the micromechanics-based mean-field homogenization theory. <i>Soft Matter</i> , 2020, 16, 5840-5847.	2.7	14
5	Bio-inspired untethered fully soft robots in liquid actuated by induced energy gradients. <i>National Science Review</i> , 2019, 6, 970-981.	9.5	22
6	Seamless modulus gradient structures for highly resilient, stretchable system integration. <i>Materials Today Physics</i> , 2018, 4, 28-35.	6.0	29
7	High-Resolution Liquid Alloy Patterning for Small Stretchable Strain Sensor Arrays. <i>Advanced Materials Technologies</i> , 2018, 3, 1700330.	5.8	20
8	Ultrastretchable Strain Sensors Using Carbon Black-Filled Elastomer Composites and Comparison of Capacitive Versus Resistive Sensors. <i>Advanced Materials Technologies</i> , 2018, 3, 1700284.	5.8	219
9	Stretchable Thermoelectric Generators Metallized with Liquid Alloy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 15791-15797.	8.0	72
10	Mechanically Stretchable and Electrically Insulating Thermal Elastomer Composite by Liquid Alloy Droplet Embedment. <i>Scientific Reports</i> , 2016, 5, 18257.	3.3	109
11	PDMS-Based Elastomer Tuned Soft, Stretchable, and Sticky for Epidermal Electronics. <i>Advanced Materials</i> , 2016, 28, 5830-5836.	21.0	274
12	Thermal elastomer composites for soft transducers. , 2015, , .		0
13	Microfluidic Stretchable Radio-Frequency Devices. <i>Proceedings of the IEEE</i> , 2015, 103, 1211-1225.	21.3	33
14	Tape Transfer Atomization Patterning of Liquid Alloys for Microfluidic Stretchable Wireless Power Transfer. <i>Scientific Reports</i> , 2015, 5, 8419.	3.3	120
15	Stretchable wireless power transfer with a liquid alloy coil. , 2015, , .		1
16	Tape Transfer Printing of a Liquid Metal Alloy for Stretchable RF Electronics. <i>Sensors</i> , 2014, 14, 16311-16321.	3.8	58
17	Graphene as a Diffusion Barrier in Galinstan-Solid Metal Contacts. <i>IEEE Transactions on Electron Devices</i> , 2014, 61, 2996-3000.	3.0	33
18	Understanding Interfacial Charge Transfer between Metallic PEDOT Counter Electrodes and a Cobalt Redox Shuttle in Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 2074-2079.	8.0	44

#	ARTICLE	IF	CITATIONS
19	Liquid alloy printing of microfluidic stretchable electronics. Lab on A Chip, 2012, 12, 4657.	6.0	200