# Seung Hee Jeong

List of Publications by Year
in descending order

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

Version: 2024-02-01

| | | 567281 | 839539 |
|---|---|---|---|
| 19 | 1,393 | 15 | 18 |
| papers | citations | h-index | g-index |

| | | | |
|---|---|---|---|
| 20 | 20 | 20 | 2209 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | PDMSâ€Based Elastomer Tuned Soft, Stretchable, and Sticky for Epidermal Electronics. Advanced Materials, 2016, 28, 5830-5836. | 21.0 | 274 |
| 2 | Ultrastretchable Strain Sensors Using Carbon Blackâ€Filled Elastomer Composites and Comparison of Capacitive Versus Resistive Sensors. Advanced Materials Technologies, 2018, 3, 1700284. | 5.8 | 219 |
| 3 | Liquid alloy printing of microfluidic stretchable electronics. Lab on A Chip, 2012, 12, 4657. | 6.0 | 200 |
| 4 | Tape Transfer Atomization Patterning of Liquid Alloys for Microfluidic Stretchable Wireless Power Transfer. Scientific Reports, 2015, 5, 8419. | 3.3 | 120 |
| 5 | Mechanically Stretchable and Electrically Insulating Thermal Elastomer Composite by Liquid Alloy Droplet Embedment. Scientific Reports, 2016, 5, 18257. | 3.3 | 109 |
| 6 | Magnetic Continuum Device with Variable Stiffness for Minimally Invasive Surgery. Advanced Intelligent Systems, 2020, 2, 1900086. | 6.1 | 92 |
| 7 | Stretchable Thermoelectric Generators Metallized with Liquid Alloy. ACS Applied Materials & Interfaces, 2017, 9, 15791-15797. | 8.0 | 72 |
| 8 | Tape Transfer Printing of a Liquid Metal Alloy for Stretchable RF Electronics. Sensors, 2014, 14, 16311-16321. | 3.8 | 58 |
| 9 | Understanding Interfacial Charge Transfer between Metallic PEDOT Counter Electrodes and a Cobalt Redox Shuttle in Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2014, 6, 2074-2079. | 8.0 | 44 |
| 10 | Phase Changing Materials-Based Variable-Stiffness Tensegrity Structures. Soft Robotics, 2020, 7, 362-369. | 8.0 | 40 |
| 11 | Graphene as a Diffusion Barrier in Galinstan-Solid Metal Contacts. IEEE Transactions on Electron Devices, 2014, 61, 2996-3000. | 3.0 | 33 |
| 12 | Microfluidic Stretchable Radio-Frequency Devices. Proceedings of the IEEE, 2015, 103, 1211-1225. | 21.3 | 33 |
| 13 | Seamless modulus gradient structures for highly resilient, stretchable system integration. Materials Today Physics, 2018, 4, 28-35. | 6.0 | 29 |
| 14 | Bio-inspired untethered fully soft robots in liquid actuated by induced energy gradients. National Science Review, 2019, 6, 970-981. | 9.5 | 22 |
| 15 | Highâ€Resolution Liquid Alloy Patterning for Small Stretchable Strain Sensor Arrays. Advanced Materials Technologies, 2018, 3, 1700330. | 5.8 | 20 |
| 16 | Investigation of thermal conductivity for liquid metal composites using the micromechanics-based mean-field homogenization theory. Soft Matter, 2020, 16, 5840-5847. | 2.7 | 14 |
| 17 | Headâ€compliant microstrip split ring resonator for nonâ€invasive healing monitoring after craniosynostosisâ€based surgery. Healthcare Technology Letters, 2020, 7, 29-34. | 3.3 | 3 |
| 18 | Stretchable wireless power transfer with a liquid alloy coil. , 2015, , . | | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Thermal elastomer composites for soft transducers. , 2015, , . | | 0 |