

Lu-yu Zhou

List of Publications by Year in descending order

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11
papers

1,156
citations

840585

11
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

1534
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | A Review of 3D Printing Technologies for Soft Polymer Materials. <i>Advanced Functional Materials</i> , 2020, 30, 2000187. | 7.8 | 379 |
| 2 | 3D printing of complex GelMA-based scaffolds with nanoclay. <i>Biofabrication</i> , 2019, 11, 035006. | 3.7 | 159 |
| 3 | Multimaterial 3D Printing of Highly Stretchable Silicone Elastomers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23573-23583. | 4.0 | 151 |
| 4 | All-Printed Flexible and Stretchable Electronics with Pressing or Freezing Activatable Liquid-Metal-Silicone Inks. <i>Advanced Functional Materials</i> , 2020, 30, 1906683. | 7.8 | 138 |
| 5 | Three-Dimensional Printed Wearable Sensors with Liquid Metals for Detecting the Pose of Snake-like Soft Robots. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 23208-23217. | 4.0 | 108 |
| 6 | 3D printing of high-strength chitosan hydrogel scaffolds without any organic solvents. <i>Biomaterials Science</i> , 2020, 8, 5020-5028. | 2.6 | 82 |
| 7 | 4D Printing of High-Performance Thermal-Responsive Liquid Metal Elastomers Driven by Embedded Microliquid Chambers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12068-12074. | 4.0 | 44 |
| 8 | Micro/nanofabrication of brittle hydrogels using 3D printed soft ultrafine fiber molds for damage-free demolding. <i>Biofabrication</i> , 2020, 12, 025015. | 3.7 | 31 |
| 9 | Three-Dimensional Coprinting of Liquid Metals for Directly Fabricating Stretchable Electronics. <i>3D Printing and Additive Manufacturing</i> , 2018, 5, 195-203. | 1.4 | 25 |
| 10 | Self-sintering liquid metal ink with LAPONITE® for flexible electronics. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3070-3080. | 2.7 | 21 |
| 11 | Coaxial 3D bioprinting of organ prototypes from nutrients delivery to vascularization. <i>Journal of Zhejiang University: Science A</i> , 2020, 21, 859-875. | 1.3 | 18 |