

Huan Jiang

List of Publications by Year in descending order

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11
papers

216
citations

933447

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1281871

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11
docs citations

11
times ranked

156
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Bending behavior of 3D printed mechanically robust tubular lattice metamaterials. Additive Manufacturing, 2022, 50, 102565. | 3.0 | 13 |
| 2 | 3D printed tubular lattice metamaterials for mechanically robust stents. Composites Part B: Engineering, 2022, 236, 109809. | 12.0 | 30 |
| 3 | Predicting thermal and mechanical performance of stochastic and architected foams. International Journal of Heat and Mass Transfer, 2021, 171, 121139. | 4.8 | 18 |
| 4 | Ultrasensitive Hierarchical Piezoresistive Pressure Sensor for Wide-Range Pressure Detection. Advanced Intelligent Systems, 2021, 3, 2100070. | 6.1 | 21 |
| 5 | Tailoring 3D printed graded architected polymer foams for enhanced energy absorption. Composites Part B: Engineering, 2021, 224, 109183. | 12.0 | 26 |
| 6 | Broadband vibration attenuation achieved by additively manufactured 3D rainbow hollow sphere foams. Applied Physics Letters, 2021, 119, 181901. | 3.3 | 2 |
| 7 | Mechanical properties of 3D printed architected polymer foams under large deformation. Materials and Design, 2020, 194, 108946. | 7.0 | 27 |
| 8 | Bioinspired multilayered cellular composites with enhanced energy absorption and shape recovery. Additive Manufacturing, 2020, 36, 101430. | 3.0 | 20 |
| 9 | 3D printed tubular lattice metamaterials with engineered mechanical performance. Applied Physics Letters, 2020, 117, . | 3.3 | 17 |
| 10 | 3D printed architected hollow sphere foams with low-frequency phononic band gaps. Additive Manufacturing, 2019, 30, 100842. | 3.0 | 29 |
| 11 | Lightweight architected hollow sphere foams for simultaneous noise and vibration control. Journal Physics D: Applied Physics, 2019, 52, 325303. | 2.8 | 13 |