

Huan Jiang

List of Publications by Year in descending order

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11
papers

216
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933447

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11
docs citations

11
times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printed tubular lattice metamaterials for mechanically robust stents. Composites Part B: Engineering, 2022, 236, 109809.	12.0	30
2	3D printed architected hollow sphere foams with low-frequency phononic band gaps. Additive Manufacturing, 2019, 30, 100842.	3.0	29
3	Mechanical properties of 3D printed architected polymer foams under large deformation. Materials and Design, 2020, 194, 108946.	7.0	27
4	Tailoring 3D printed graded architected polymer foams for enhanced energy absorption. Composites Part B: Engineering, 2021, 224, 109183.	12.0	26
5	Ultrasensitive Hierarchical Piezoresistive Pressure Sensor for Wide-Range Pressure Detection. Advanced Intelligent Systems, 2021, 3, 210070.	6.1	21
6	Bioinspired multilayered cellular composites with enhanced energy absorption and shape recovery. Additive Manufacturing, 2020, 36, 101430.	3.0	20
7	Predicting thermal and mechanical performance of stochastic and architected foams. International Journal of Heat and Mass Transfer, 2021, 171, 121139.	4.8	18
8	3D printed tubular lattice metamaterials with engineered mechanical performance. Applied Physics Letters, 2020, 117, .	3.3	17
9	Lightweight architected hollow sphere foams for simultaneous noise and vibration control. Journal Physics D: Applied Physics, 2019, 52, 325303.	2.8	13
10	Bending behavior of 3D printed mechanically robust tubular lattice metamaterials. Additive Manufacturing, 2022, 50, 102565.	3.0	13
11	Broadband vibration attenuation achieved by additively manufactured 3D rainbow hollow sphere foams. Applied Physics Letters, 2021, 119, 181901.	3.3	2