

Wei Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

570
citations

1040056

9
h-index

1372567

10
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10
all docs

10
docs citations

10
times ranked

536
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Origami derived self-assembly stents fabricated via 4D printing. <i>Composite Structures</i> , 2022, 293, 115669. | 5.8 | 29 |
| 2 | Porous bone tissue scaffold concept based on shape memory PLA/Fe ₃ O ₄ . <i>Composites Science and Technology</i> , 2021, 203, 108563. | 7.8 | 77 |
| 3 | Analysis of small-scale topology and macroscale mechanical properties of shape memory chiral-lattice metamaterials. <i>Composite Structures</i> , 2021, 262, 113569. | 5.8 | 18 |
| 4 | Thermo-mechanical behavior prediction of shape memory polymer based on the multiplicative decomposition of the deformation gradient. <i>Mechanics of Materials</i> , 2020, 143, 103263. | 3.2 | 21 |
| 5 | Thermo-mechanical behavior prediction of particulate reinforced shape memory polymer composite. <i>Composites Part B: Engineering</i> , 2019, 179, 107455. | 12.0 | 35 |
| 6 | Personalized 4D printing of bioinspired tracheal scaffold concept based on magnetic stimulated shape memory composites. <i>Composites Science and Technology</i> , 2019, 184, 107866. | 7.8 | 128 |
| 7 | Shape memory polymers and their composites in biomedical applications. <i>Materials Science and Engineering C</i> , 2019, 97, 864-883. | 7.3 | 200 |
| 8 | Structural response measurement of shape memory polymer components using digital image correlation method. <i>Optics and Lasers in Engineering</i> , 2018, 110, 323-340. | 3.8 | 6 |
| 9 | Adaptive repair device concept with shape memory polymer. <i>Smart Materials and Structures</i> , 2017, 26, 025027. | 3.5 | 26 |
| 10 | Thermal-mechanical behavior of styrene-based shape memory polymer tubes. <i>Polymer Testing</i> , 2017, 57, 119-125. | 4.8 | 30 |