

Wei Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5767834/publications.pdf>

Version: 2024-02-01

10
papers

570
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

536
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape memory polymers and their composites in biomedical applications. <i>Materials Science and Engineering C</i> , 2019, 97, 864-883.	7.3	200
2	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
3	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
4	Thermo-mechanical behavior prediction of particulate reinforced shape memory polymer composite. <i>Composites Part B: Engineering</i> , 2019, 179, 107455.	12.0	35
5	Thermal-mechanical behavior of styrene-based shape memory polymer tubes. <i>Polymer Testing</i> , 2017, 57, 119-125.	4.8	30
6	Origami derived self-assembly stents fabricated via 4D printing. <i>Composite Structures</i> , 2022, 293, 115669.	5.8	29
7	Adaptive repair device concept with shape memory polymer. <i>Smart Materials and Structures</i> , 2017, 26, 025027.	3.5	26
8	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
9	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
10	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