

# Bingfei Liu

## List of Publications by Year in descending order

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11  
papers

92  
citations

1478505

6  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

74  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Nanopores on Mechanical Properties of the Shape Memory Alloy. <i>Micromachines</i> , 2021, 12, 529.	2.9	1
2	On behaviors of the shape memory composite containing shape memory polymer matrix and shape memory alloy fibers under uniaxial loading with different temperature conditions. <i>Polymer Composites</i> , 2021, 42, 3827-3840.	4.6	3
3	An analytical model for crack monitoring of the shape memory alloy intelligent concrete. <i>Journal of Intelligent Material Systems and Structures</i> , 2020, 31, 100-116.	2.5	6
4	Study on behaviors of shape memory alloy materials under temperature cycling considering the damage. <i>Journal of Intelligent Material Systems and Structures</i> , 2020, 31, 990-997.	2.5	3
5	Study on cyclic deformation behavior of shape memory alloy materials considering damage and the residual strain. <i>Journal of Alloys and Compounds</i> , 2019, 797, 1142-1150.	5.5	8
6	On the behaviors of porous shape memory alloy beam with gradient porosity under pure bending. <i>Journal of Materials Research</i> , 2019, 34, 282-289.	2.6	7
7	On thermomechanical behaviors of the functional graded shape memory alloy composite for jet engine chevron. <i>Journal of Intelligent Material Systems and Structures</i> , 2018, 29, 2986-3005.	2.5	7
8	A phenomenological constitutive model for Functionally Graded Porous Shape Memory Alloy. <i>International Journal of Engineering Science</i> , 2014, 78, 103-113.	5.0	14
9	On the transformation behavior of functionally graded SMA composites subjected to thermal loading. <i>European Journal of Mechanics, A/Solids</i> , 2013, 40, 139-147.	3.7	22
10	On phase transformation behavior of porous Shape Memory Alloys. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012, 5, 9-15.	3.1	21
11	A micromechanical constitutive model for porous ferromagnetic shape memory alloys considering magneto-thermo-mechanical coupling. <i>Advanced Composite Materials</i> , 0, , 1-29.	1.9	0