

# Yongsan An

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

91  
citations

1478505

6  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

71  
citing authors

#	ARTICLE	IF	CITATIONS
1	New auxetic materials with stretch-dominant architecture using simple trusses. <i>Mechanics of Advanced Materials and Structures</i> , 2023, 30, 609-625.	2.6	8
2	Frontally polymerizable shape memory polymer for 3D printing of free-standing structures. <i>Smart Materials and Structures</i> , 2022, 31, 025013.	3.5	6
3	Three-dimensional constitutive model for shape-memory polymers considering temperature-rate dependent behavior. <i>Smart Materials and Structures</i> , 2021, 30, 035030.	3.5	8
4	Novel triangular auxetic honeycombs with enhanced stiffness. <i>Composite Structures</i> , 2021, 277, 114605.	5.8	31
5	Fabrication of a Highly Stretchable, Wrinkle-Free Electrode with Switchable Transparency Using a Free-Standing Silver Nanofiber Network and Shape Memory Polymer Substrate. <i>Macromolecular Rapid Communications</i> , 2020, 41, 2000129.	3.9	12
6	Three-dimensional printing of continuous carbon fiber-reinforced shape memory polymer composites. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	2
7	Elastocaloric effects of carbon fabric-reinforced shape memory polymer composites. <i>Functional Composites and Structures</i> , 2019, 1, 015004.	3.4	1
8	Characterization and modeling of elastocaloric effects of shape memory poly(cyclooctene). <i>Applied Physics Letters</i> , 2019, 114, 013904.	3.3	7
9	Mechanical Metamaterials with Thermo-responsive Switching between Positive and Negative Poisson's Ratios. <i>Physica Status Solidi - Rapid Research Letters</i> , 2018, 12, 1800040.	2.4	8
10	Quantitative evaluation of the three-dimensional deployment behavior of a shape memory polymer antenna. <i>Smart Materials and Structures</i> , 2018, 27, 105007.	3.5	8
11	Deployment test of shape memory polymer specimens for space antenna design. <i>Journal of the Korean Society for Aeronautical &amp; Space Sciences</i> , 2017, 45, 1007-1012.	0.1	0
12	Mechanical analysis of three dimensional woven carbon fiber-reinforced composites using fiber-based continuum model. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
13	Fabrication of Reduced Graphene Oxide-Incorporated Carbon Nanofibers with Improved Electrical Conductivities by Electrospinning. <i>Textile Science and Engineering</i> , 2015, 52, 379-387.	0.4	0