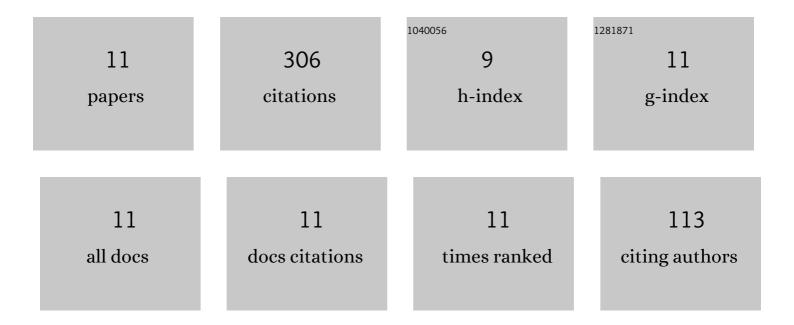
Mahdi BaniAsadi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Magneto″ electroâ€responsive polymers toward manufacturing, characterization, and biomedical/ soft robotic applications. Applied Materials Today, 2022, 26, 101306.	4.3	70
2	An experimental investigation on structural design of shape memory polymers. Smart Materials and Structures, 2019, 28, 095017.	3.5	38
3	Force and multiple-shape-recovery in shape-memory-polymers under finite deformation torsion-extension. Smart Materials and Structures, 2020, 29, 055011.	3.5	31
4	Constitutive Modeling of multi-stimuli-responsive shape memory polymers with multi-functional capabilities. International Journal of Mechanical Sciences, 2021, 192, 106082.	6.7	30
5	Multiple Shape Memory Effect for Smart Helical Springs with Variable Stiffness over Time and Temperature. International Journal of Mechanical Sciences, 2020, 182, 105742.	6.7	30
6	Crack self-healing of thermo-responsive shape memory polymers with application to control valves, filtration, and drug delivery capsule. European Journal of Mechanics, A/Solids, 2021, 85, 104093.	3.7	25
7	Shape-memory polymer metamaterials based on triply periodic minimal surfaces. European Journal of Mechanics, A/Solids, 2022, 96, 104676.	3.7	23
8	Enhancing shape memory properties of multi-layered and multi-material polymer composites in 4D printing. Smart Materials and Structures, 2021, 30, 105006.	3.5	21
9	Development of a large strain formulation for multiple shape-memory-effect of polymers under bending. International Journal of Mechanical Sciences, 2021, 204, 106560.	6.7	20
10	Finite strain relaxation and creep in coupled axial and torsional deformation. Mechanics Based Design of Structures and Machines, 2022, 50, 2795-2811.	4.7	9
11	Mechanical properties improvement of shape memory polymers by designing the microstructure of multi-phase heterogeneous materials. Computational Materials Science, 2021, 196, 110523.	3.0	9