Estephanie Nobre Dantas Grassi

List of Publications by Year
in descending order

13	87	1684188 5	1588992 8
papers	citations	h-index	g-index

13	13	13	59
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Measurement of Phase Transformation Temperatures in Shape Memory Alloys Using a Peltier Thermoelectric Apparatus. International Journal of Thermophysics, 2022, 43, 1.	2.1	2
2	Pull-out resistance of shape memory alloy nickel-titanium ribbons embedded in silicone matrix for development of flexible composites. Journal of Intelligent Material Systems and Structures, 2021, 32, 430-441.	2.5	6
3	Mechanical behavior of a NiTi superelastic bone plate obtained by investment casting assisted by additive manufacturing. Smart Materials and Structures, 2021, 30, 025009.	3.5	5
4	Fatigue tests of superelastic NiTi wires: an analysis using factorial design in single cantilever bending. Smart Materials and Structures, 2021, 30, 125017.	3.5	3
5	Critical Frequency of Self-Heating in a Superelastic Ni-Ti Belleville Spring: Experimental Characterization and Numerical Simulation. Sensors, 2021, 21, 7140.	3.8	7
6	Specific forward/reverse latent heat and martensite fraction measurement during superelastic deformation of nanostructured NiTi wires. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 774, 138928.	5.6	6
7	A new way to obtain NiTi SMA superelastic meshes: investment casting followed by hot rolling. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	3
8	Anisotropy and Clausius-Clapeyron relation for forward and reverse stress-induced martensitic transformations in polycrystalline NiTi thin walled tubes. Mechanics of Materials, 2020, 146, 103392.	3.2	21
9	NiTi shape memory alloy cellular meshes: manufacturing by investment casting and characterization. Smart Materials and Structures, 2020, 29, 125008.	3.5	8
10	Effect of Heat Treatments on the Thermomechanical Behaviour of Ni-Ti Superelastic Mini Coil Springs. MATEC Web of Conferences, 2015, 33, 03004.	0.2	5
11	Smart Lockwire: A Shape Memory Alloy Lockwire for Improved Reliability in Bolted Fixing in Automotive and Aeronautical Applications. , 2012, , .		1
12	Estudo comparativo das propriedades dinÃ¢micas de uma liga NiTi com memÃ³ria de forma e materiais estruturais clÃ¡ssicos. Revista Materia, 2011, 16, 830-835.	0.2	5
13	Dynamic Properties of NiTi Shape Memory Alloy and Classic Structural Materials: A Comparative Analysis. Materials Science Forum, 0, 643, 37-41.	0.3	15