

Estephanie Nobre Dantas Grassi

List of Publications by Year in descending order

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