

Anne Maynadier

List of Publications by Year in descending order

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16
papers

237
citations

1040056

9
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	One-shot Measurement of Thermal and Kinematic Fields: InfraRed Image Correlation (IRIC). <i>Experimental Mechanics</i> , 2012, 52, 241-255.	2.0	62
2	Milling effect on the microstructural and hydrogenation properties of TiFe0.9Mn0.1 alloy. <i>Powder Technology</i> , 2018, 339, 903-910.	4.2	32
3	Thermomechanical modelling of a NiTi SMA sample submitted to displacement-controlled tensile test. <i>International Journal of Solids and Structures</i> , 2014, 51, 1901-1922.	2.7	26
4	Stiffness and fracture analysis of photovoltaic grade silicon plates. <i>International Journal of Solids and Structures</i> , 2016, 97-98, 355-369.	2.7	23
5	Crack initiation behavior in single crystalline silicon. <i>Scripta Materialia</i> , 2017, 130, 83-86.	5.2	19
6	Velocity correlated crack front and surface marks in single crystalline silicon. <i>Nature Communications</i> , 2018, 9, 1298.	12.8	18
7	On the fracture of multi-crystalline silicon wafer. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 475601.	2.8	13
8	Thermo-mechanical description of phase transformation in Ni-Ti Shape Memory Alloy. <i>Procedia Engineering</i> , 2011, 10, 2208-2213.	1.2	12
9	Identification of the viscoelastic properties of the tBA/PEGDMA polymer from multi-loading modes conducted over a wide frequency-temperature scale range. <i>Polymer Testing</i> , 2018, 69, 250-258.	4.8	9
10	Disturbance and recovery in high speed (110) cleavage in single crystalline silicon. <i>Journal of the European Ceramic Society</i> , 2018, 38, 1038-1045.	5.7	7
11	Validation of a multimodal set-up for the study of zirconium alloys claddings' behaviour under simulated <sc>LOCA</sc> conditions. <i>Strain</i> , 2018, 54, e12279.	2.4	7
12	An innovative technique for real-time adjusting exposure time of silicon-based camera to get stable gray level images with temperature evolution. <i>Mechanical Systems and Signal Processing</i> , 2019, 122, 419-432.	8.0	3
13	One-shot measurement of thermal and kinematic fields from Infra-Red Image Correlation (IRIC). <i>EPJ Web of Conferences</i> , 2010, 6, 38003.	0.3	2
14	Application of silicon-based camera for measurement of non-homogeneous thermal field on realistic specimen surface. <i>Applied Thermal Engineering</i> , 2019, 149, 1186-1191.	6.0	1
15	Modeling progressive absorption of a hydride material particle submitted to hydrogen. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 10830-10837.	7.1	1
16	Experimental Investigation of Emissivity Influence to Obtain Thermal Field by Near Infrared Thermography. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2019, , 35-37.	0.5	0