

Anne Maynadier

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Modeling progressive absorption of a hydride material particle submitted to hydrogen. International Journal of Hydrogen Energy, 2021, 46, 10830-10837. | 7.1 | 1 |
| 2 | Application of silicon-based camera for measurement of non-homogeneous thermal field on realistic specimen surface. Applied Thermal Engineering, 2019, 149, 1186-1191. | 6.0 | 1 |
| 3 | An innovative technique for real-time adjusting exposure time of silicon-based camera to get stable gray level images with temperature evolution. Mechanical Systems and Signal Processing, 2019, 122, 419-432. | 8.0 | 3 |
| 4 | Experimental Investigation of Emissivity Influence to Obtain Thermal Field by Near Infrared Thermography. Conference Proceedings of the Society for Experimental Mechanics, 2019, , 35-37. | 0.5 | 0 |
| 5 | Disturbance and recovery in high speed (110) cleavage in single crystalline silicon. Journal of the European Ceramic Society, 2018, 38, 1038-1045. | 5.7 | 7 |
| 6 | Milling effect on the microstructural and hydrogenation properties of TiFe _{0.9} Mn _{0.1} alloy. Powder Technology, 2018, 339, 903-910. | 4.2 | 32 |
| 7 | Identification of the viscoelastic properties of the tBA/PEGDMA polymer from multi-loading modes conducted over a wide frequency-temperature scale range. Polymer Testing, 2018, 69, 250-258. | 4.8 | 9 |
| 8 | Validation of a multimodal set-up for the study of zirconium alloys claddings' behaviour under simulated <sc>LOCA</sc> conditions. Strain, 2018, 54, e12279. | 2.4 | 7 |
| 9 | Velocity correlated crack front and surface marks in single crystalline silicon. Nature Communications, 2018, 9, 1298. | 12.8 | 18 |
| 10 | Crack initiation behavior in single crystalline silicon. Scripta Materialia, 2017, 130, 83-86. | 5.2 | 19 |
| 11 | Stiffness and fracture analysis of photovoltaic grade silicon plates. International Journal of Solids and Structures, 2016, 97-98, 355-369. | 2.7 | 23 |
| 12 | On the fracture of multi-crystalline silicon wafer. Journal Physics D: Applied Physics, 2016, 49, 475601. | 2.8 | 13 |
| 13 | Thermomechanical modelling of a NiTi SMA sample submitted to displacement-controlled tensile test. International Journal of Solids and Structures, 2014, 51, 1901-1922. | 2.7 | 26 |
| 14 | One-shot Measurement of Thermal and Kinematic Fields: InfraRed Image Correlation (IRIC). Experimental Mechanics, 2012, 52, 241-255. | 2.0 | 62 |
| 15 | Thermo-mechanical description of phase transformation in Ni-Ti Shape Memory Alloy. Procedia Engineering, 2011, 10, 2208-2213. | 1.2 | 12 |
| 16 | One-shot measurement of thermal and kinematic fields from Infra-Red Image Correlation (IRIC). EPJ Web of Conferences, 2010, 6, 38003. | 0.3 | 2 |