

Helena Jin

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

350
citations

1307366

7
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

405
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Solid Cylinder Torsion for Large Shear Deformation and Failure of Engineering Materials. <i>Experimental Mechanics</i> , 2021, 61, 307-320. | 1.1 | 8 |
| 2 | Characterization of 304L laser welds using digital image correlation and x-ray computed tomography. <i>Measurement Science and Technology</i> , 2021, 32, 104010. | 1.4 | 3 |
| 3 | Comparing field data using Alpert multi-wavelets. <i>Computational Mechanics</i> , 2020, 66, 893-910. | 2.2 | 4 |
| 4 | Collaborative ductile rupture mechanisms of high-purity copper identified by in situ X-ray computed tomography. <i>Acta Materialia</i> , 2019, 181, 377-384. | 3.8 | 32 |
| 5 | Damage mechanisms in elastomeric foam composites: Multiscale X-ray computed tomography and finite element analyses. <i>Composites Science and Technology</i> , 2019, 169, 195-202. | 3.8 | 26 |
| 6 | Influence of Scanning Rotation on Nanoscale Artificial Strain in Open-Loop Atomic Force Microscopy. <i>Experimental Mechanics</i> , 2011, 51, 619-624. | 1.1 | 7 |
| 7 | Reversible nanoscale deformation in compositionally graded shape memory alloy films. <i>Applied Physics Letters</i> , 2009, 94, 193114. | 1.5 | 20 |
| 8 | Nanoscale structural and mechanical characterization of the cell wall of bamboo fibers. <i>Materials Science and Engineering C</i> , 2009, 29, 1375-1379. | 3.8 | 144 |
| 9 | Full-field characterization of mechanical behavior of polyurethane foams. <i>International Journal of Solids and Structures</i> , 2007, 44, 6930-6944. | 1.3 | 72 |
| 10 | A new method for characterizing nonlinearity in scanning probe microscopes using digital image correlation. <i>Nanotechnology</i> , 2005, 16, 1849-1855. | 1.3 | 34 |