

Antoine Ruffini

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Dislocations interacting with a pore in an elastically anisotropic single crystal nickel-base superalloy during hot isostatic pressing. <i>Computational Materials Science</i> , 2022, 204, 111118. | 3.0 | 2 |
| 2 | Creep of Single Crystals of Nickel-Based Superalloys at Ultra-High Homologous Temperature. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2018, 49, 3973-3987. | 2.2 | 21 |
| 3 | Three-dimensional phase-field model of dislocations for a heterogeneous face-centered cubic crystal. <i>Journal of the Mechanics and Physics of Solids</i> , 2017, 105, 95-115. | 4.8 | 24 |
| 4 | Effect of interface plasticity on circular blisters. <i>Scripta Materialia</i> , 2016, 113, 222-225. | 5.2 | 5 |
| 5 | Phase-field model coupling cracks and dislocations at finite strain. <i>Acta Materialia</i> , 2015, 92, 197-208. | 7.9 | 9 |
| 6 | Buckling-induced dislocation emission in thin films on substrates. <i>International Journal of Solids and Structures</i> , 2013, 50, 3717-3722. | 2.7 | 7 |
| 7 | Interface step-induced thin-film delamination and buckling. <i>Acta Materialia</i> , 2013, 61, 4429-4438. | 7.9 | 11 |
| 8 | Effects of sliding on interface delamination during thin film buckling. <i>Scripta Materialia</i> , 2012, 67, 157-160. | 5.2 | 15 |