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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A crystal plasticity based finite element framework for RVE calculations of two-phase materials: Void nucleation in dual-phase steels**
Yalçinkaya T., Çakmak S. O., Tekoğlu C.
Finite Elements in Analysis and Design, vol.187, 2021 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Morphology and Grain Orientation Dependent Localization and Necking in Dual-phase Steels**
Çakmak S. O., Yalçinkaya T.
1st International Workshop on Plasticity, Damage and Fracture of Engineering Materials (IWPDF), Ankara, Turkey, 22 - 23 August 2019, vol.21, pp.224-232
- II. **A Micromechanics Based Numerical Investigation of Dual Phase Steels**
Yalçinkaya T., Gungor G. O., Çakmak S. O., Tekoğlu C.
1st International Workshop on Plasticity, Damage and Fracture of Engineering Materials (IWPDF), Ankara, Turkey, 22 - 23 August 2019, vol.21, pp.61-72

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