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International Researcher IDs

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Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Aerospace Engineering, 2022 - Continues

Refereed Congress / Symposium Publications in Proceedings

- I. **Nanoscratching of polycrystalline copper examined through strain gradient crystal plasticity**
Günay E., Ozdemir M., Yalçinkaya T.
3rd International Workshop on Plasticity, Damage and Fracture of Engineering Materials, IWPDF 2023, İstanbul, Turkey, 4 - 06 October 2023, vol.61, pp.34-41
- II. **Examination of intrinsic and extrinsic size effect in thin specimens through crystal plasticity frameworks**
Günay E., Bulut O., Yalçinkaya T.
26th International ESAFORM Conference on Material Forming, ESAFORM 2023, Krakow, Poland, 19 - 21 April 2023, vol.28, pp.1471-1480
- III. **Analysis of additively manufactured anisotropic microstructures through crystal plasticity frameworks**
Bulut O., Günay E., Fenercioğlu T. O., Yalçinkaya T.
26th International ESAFORM Conference on Material Forming, ESAFORM 2023, Krakow, Poland, 19 - 21 April 2023, vol.28, pp.179-188
- IV. **Local and nonlocal strain gradient approaches for size-dependent plastic deformation**
Ünsal İ. E., Günay E., Yalçinkaya T.
26th International ESAFORM Conference on Material Forming, ESAFORM 2023, Krakow, Poland, 19 - 21 April 2023, vol.28, pp.1453-1462
- V. **Numerical analysis of thermo-mechanical behavior in flow forming**
GÜNAY E., Fenercioglu T. O., YALÇINKAYA T.
2nd International Workshop on Plasticity, Damage and Fracture of Engineering Materials, IWPDF 2021, Ankara, Turkey, 18 - 20 August 2021, vol.35, pp.42-50

Metrics

Publication: 6

Citation (Scopus): 13

H-Index (Scopus): 2