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Araştırma Alanları

Havacılık ve Uzay Mühendisliği

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Dwell fatigue fracture in Ti microstructures through crystal plasticity and phase field fracture frameworks**
BULUT O., ERDOĞAN C., YALÇINKAYA T.
3rd International Workshop on Plasticity, Damage and Fracture of Engineering Materials, IWPDF 2023, İstanbul, Türkiye, 4 - 06 Ekim 2023, cilt.61, ss.3-11
- II. **A comparison of predictions from micropolar and strain gradient crystal plasticity theories for textured oligocrystals**
Tandoğan I. T., Bulut O., Budnitzki M., Yalçinkaya T., Sandfeld S.
93rd Annual Meeting of the International Association of Applied Mathematics and Mechanics, GAMM 2023, Dresden, Almanya, 30 Mayıs - 02 Haziran 2023, ss.227
- III. **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, Polonya, 19 - 21 Nisan 2023, cilt.28, ss.1471-1480
- IV. **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, Polonya, 19 - 21 Nisan 2023, cilt.28, ss.179-188
- V. **The influence of thickness/grain size ratio in microforming through crystal plasticity**
BULUT O., Acar S. S., YALÇINKAYA T.
2nd International Workshop on Plasticity, Damage and Fracture of Engineering Materials, IWPDF 2021, Ankara, Türkiye, 18 - 20 Ağustos 2021, cilt.35, ss.228-236
- VI. **Crystal plasticity modeling of additively manufactured metallic microstructures**
Acar S. S., BULUT O., YALÇINKAYA T.
2nd International Workshop on Plasticity, Damage and Fracture of Engineering Materials, IWPDF 2021, Ankara, Türkiye, 18 - 20 Ağustos 2021, cilt.35, ss.219-227

Metrikler

Yayın: 7

Atf (Scopus): 11

H-İndeks (Scopus): 2