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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. **Observation of heterogeneous deformation microstructure in ECAP processing of high-purity niobium**
Ikeda S., Miyamoto H., Yuasa M., Yalçinkaya T., Bulut O., Günay E.
2nd Workshop on the evaluation of crystal orientation of crystalline materials and techniques for analysing crystal orientation, Toyohashi, Japonya, 28 - 29 Kasım 2023, ss.8-9

III. **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

IV. **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

V. **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

VI. **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

VII. **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
Atıf (Scopus): 32
H-İndeks (Scopus): 3