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ScopusID: 57195102097
Yoksis Araştırmacı ID: 242062

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **Unveiling the effect of Hf-(Mo,W) addition on the coarsening, agglomeration, and dissolution behaviour of γ'-Ni3Al precipitates in model Ni-based superalloys**
ERİŞ R., AKDENİZ M. V., MEHRABOV A.
Journal of Alloys and Compounds, cilt.936, 2023 (SCI-Expanded)

II. **On the Optimization of the Microstructural and Mechanical Properties of Model Ni-Based Superalloys Through the Alloying Effects of Refractory Mo and W Elements**
Eriş R., Akdeniz M. V., Mekhrabov A.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, cilt.53, sa.5, ss.1859-1872, 2022 (SCI-Expanded)

III. **The Site Preferences of Transition Elements and Their Synergistic Effects on the Bonding Strengthening and Structural Stability of γ′-Ni3Al Precipitates in Ni-Based Superalloys: A First-Principles Investigation**
Eriş R., Akdeniz M. V., Mekhrabov A.
Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, cilt.52, sa.6, ss.2298-2313, 2021 (SCI-Expanded)

IV. **Atomic size effect of alloying elements on the formation, evolution and strengthening of gamma'-Ni3Al precipitates in Ni-based superalloys**
Eriş R., Akdeniz M. V., Mekhrabov A.
INTERMETALLICS, cilt.109, ss.37-47, 2019 (SCI-Expanded)

V. **High-temperature site preference and atomic short-range ordering characteristics of ternary alloying elements in gamma '-Ni3Al intermetallics**
Eris R., Mekhrabov A., Akdeniz M. V.
PHILOSOPHICAL MAGAZINE, cilt.97, ss.2615-2631, 2017 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **The Effects of Refractory Element Addition on the Long Term Stability and Microstructural Characteristics of Nickel-Based Superalloys:**
Eriş R., Akdeniz M. V., Mekhrabov A.
TMS 2017 146th Annual Meeting and Exhibition, California, Amerika Birleşik Devletleri, 26 Şubat - 02 Mart 2017

II. **The Effects of Transition Metal Element Addition on the Temporal Evolution and Microstructural**

Characteristics of Nickel-based Superalloys
Eriş R., Akdeniz M. V., Mekhrabov A.
TMS 2017 146th Annual Meeting and Exhibition, California, Amerika Birleşik Devletleri, 26 Şubat - 02 Mart 2017

III. **The Effects of Cr Addition on the Atomic Ordering Properties of Ni Based Superalloys**
Eriş R., Mekhrabov A., Akdeniz M. V.
18th International Metallurgy & Materials Congress (IMMC 2016), İstanbul, Türkiye, 29 Eylül - 01 Ekim 2016, ss.689-692

Desteklenen Projeler

MEHRABOV A., ERİŞ R., AKDENİZ M. V., Yükseköğretim Kurumları Destekli Proje, Yüksek Sıcaklık Ni-Al Esaslı Süperalaşımlarının Tasarımı ve Geliştirilmesi, 2017 - 2017

Metrikler

Yayın: 10
Atıf (WoS): 66
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