

Res. Asst. ÖZGE ARARAT

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAR-7719-2020

Yoksis Researcher ID: 203496

Education Information

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (YI), Turkey 2014 - 2016

Undergraduate, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Metalurji Ve Malzeme

Mühendisliği Bölümü, Turkey 2007 - 2012

Dissertations

Postgraduate, Sıcak pres yöntemiyle magnezyumun alüminyum ve Ni-Cr-Si-Fe-B-C nikel alaşımı ile çift tabakalı kaplanması, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (YI), 2016

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant, Kocaeli University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Isothermal aging treatment and its effect on the mechanical properties of Fe-Cr-Mn high-nitrogen austenitic steel**
ARARAT Ö., ERİŞİR E.
Materials Research Express, vol.11, no.6, 2024 (SCI-Expanded)
- II. **Partial austenitisation and TBF steel composed of ferrite, bainitic ferrite, and austenite**
ERİŞİR E., BİLİR O. G., Sozer Y. E., ARARAT Ö., Davut K.
MATERIALS SCIENCE AND TECHNOLOGY, vol.39, no.1, pp.105-116, 2023 (SCI-Expanded)
- III. **Enhancing Wear Resistance of 100Cr6 Bearing Steels by New Heat Treatment Method**
ERİŞİR E., ARARAT Ö., BİLİR O. G.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, vol.53, pp.850-860, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Magnezyum ve alaşımlarının sıcak pres yöntemiyle alüminyum kaplanması**
ARARAT Ö., YAMANOĞLU R., ZEREN M.
metal dünyası, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **DÖKÜM VE HOMOJENİZASYON SONRASI FE-20CR-14MN DUBLEKS PASLANMAZ ÇELİĞİNDE WIDMANSTATTEN ÖSTENİT DÖNÜŞÜMÜ**
Ararat Ö.
11. ULUSLARARASI MARMARA FEN BİLİMLERİ KONGRESİ , Kocaeli, Turkey, 15 - 16 December 2023, pp.253-257
- II. **Production of high nitrogen austenitic steels by high temperature solution nitriding**
Ararat Ö.
6th International Iron&Steel Symposium, Karabük, Turkey, 11 - 13 May 2023, pp.49
- III. **Austenitic Transformation in Duplex Stainless Steel using High Temperature Solution Nitriding**
Ararat Ö.
6th International Iron&Steel Symposium, Karabük, Turkey, 11 - 13 May 2023, pp.89
- IV. **An investigation on Austenite Grain Growth in 100Cr6 Bearing Steel Microalloyed with Niobium**
ERİŞİR E., BİLİR O. G., ARARAT Ö.
International materials technologies and metallurgy conference 2017, 26 - 27 October 2017
- V. **The Effect of Initial Microstructure on the Hardening of 100Cr6 Bearing Steel**
ERİŞİR E., ARARAT Ö., BİLİR O. G.
METAL 2017, 24 - 26 May 2017
- VI. **The Effect of Prior Austenite Grain Size on Microstructure of Medium Carbon Dual Phase Steels**
ERİŞİR E., ARARAT Ö., BİLİR O. G.
3rd International Iron and Steel Symposium, 3 - 05 April 2017
- VII. **TOZ METALURJİK YÖNTEMLE ÜRETİLMİŞ ÖN ALAŞIMLI Ni Cr Si Fe B C TOZLARI İÇİN SİNER PARAMETRELERİNİN BELİRLENMESİ**
Ararat Ö., Yamanoğlu R., Zeren M.
IMSP 2016, Denizli, Turkey, 12 - 14 October 2016, pp.1-5

Supported Projects

- Erişir E., TUBITAK Project, DP, CP ve TRIP Çeliklerinde Maliyet-Etkin Üretim Geliştirilmesi, 2018 - 2019
Erişir E., TUBITAK Project, Yüksek Aşınma Dirençli Rulman Çelikleri Ve Yeni Isıl İşlem Çevrimi Geliştirilmesi, 2015 - 2018

Metrics

- Publication: 11
Citation (WoS): 9
Citation (Scopus): 10
H-Index (WoS): 1
H-Index (Scopus): 1