

Asst. Prof. MELİKA ÖZER

Personal Information

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Metal Eğitimi (Dr), Turkey 2004 - 2010

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, Metal Eğitimi (YI) (Tezli), Turkey 2000 - 2003

Under Graduate, Gazi University, Teknik Eğitim Fakültesi, Metal Eğitimi Bölümü, Turkey 1996 - 2000

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Yarı-katı döküm tekniği ile üretilen Al-Si alaşımlarında yapı-özellik ilişkisinin incelenmesi, Gazi University, Fen Bilimleri Enstitüsü, Metal Eğitimi (Dr), 2010

Post Graduate, Küresel grafitli dökme demirde martensit hacim oranı ve partikül boyutunun mekanik özellikler üzerine etkisi, Gazi University, Fen Bilimleri Enstitüsü, Metal Eğitimi (YI) (Tezli), 2003

Research Areas

Material science and engineering, Metallic Materials, Principles of Foundry Technology

Academic Titles / Tasks

Assistant Professor, Gazi University, Teknoloji Fakültesi, Metalurji Ve Malzeme Mühendisliği, 2011 - Continues

Research Assistant, Gazi University, Teknik Eğitim Fakültesi, Metal Eğitimi, 2001 - 2011

Courses

5940037 YÜKSEK LİSANS UZMANLIK ALAN, Post Graduate, 2017 - 2018

MEM-321 TEMEL DÖKÜM TEKNİKLERİ, Under Graduate, 2017 - 2018

MEM-330 ISIL İŞLEMLER VE LABORATUARI, Under Graduate, 2017 - 2018

MEM-400 MEZUNİYET TEZİ, Under Graduate, 2017 - 2018

MEM-450 MEZUNİYET PROJESİ, Under Graduate, 2017 - 2018

5900037 YÜKSEK LİSANS TEZ HAZIRLIK, Post Graduate, 2017 - 2018

MEM -414 ISIL İŞLEMLER VE LABORATUARI, Under Graduate, 2017 - 2018

MEM-411 İŞYERİ EĞİTİMİ, Under Graduate, 2017 - 2018

5920037 YÜKSEK LİSANS TEZ ÇALIŞMASI, Post Graduate, 2017 - 2018

MEM346 DEMİR VE DEMİR DIŐI ALAŐIMLARIN DÖKÜM TEKNİKLERİ, Under Graduate, 2017 - 2018

MEM-412 TASARIM VE BİTİRME PROJESİ, Under Graduate, 2017 - 2018

5940037 YÜKSEK LİSANS UZMANLIK ALAN, Post Graduate, 2017 - 2018

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **The effect of friction stir welding parameters on microstructure and fatigue strength of CuZn37 brass alloys**
Ozer A., Sik A., Cevik B., Ozer M.
KOVOLVE MATERIALY-METALLIC MATERIALS, vol.55, no.2, pp.107-114, 2017 (Journal Indexed in SCI)
- II. **Effects of the thixocasting injection velocity on tensile properties of an A357 Al alloy**
ÖZER M., Akar N., KOCATEPE K., ERDOĞAN M.
MATERIALS TESTING, vol.57, no.9, pp.790-794, 2015 (Journal Indexed in SCI)
- III. **Effects of Pouring Distance and Holding Time on the Thixotropic Microstructure of A357 Alloy**
ÖZER M., KOCATEPE K., ERDOĞAN M.
MATERIALS TESTING, vol.56, no.2, pp.111-117, 2014 (Journal Indexed in SCI)
- IV. **Comparison of abrasive wear behavior of ductile iron with different dual matrix structures**
Sahin Y., KILIÇLI V., ÖZER M., ERDOĞAN M.
WEAR, vol.268, pp.153-165, 2010 (Journal Indexed in SCI)
- V. **Effect of martensite volume fraction and tempering time on abrasive wear of ferritic ductile iron with dual matrix**
Sahin Y., Erdogan M., Cerah M.
WEAR, vol.265, pp.196-202, 2008 (Journal Indexed in SCI)
- VI. **Investigation of the variations in microstructure and mechanical properties of dual-matrix ductile iron by Magnetic Barkhausen Noise analysis**
GÜR C. H. , ÖZER M., ERDOĞAN M.
RESEARCH IN NONDESTRUCTIVE EVALUATION, vol.19, no.1, pp.44-60, 2008 (Journal Indexed in SCI)
- VII. **The tensile fracture behaviour of intercritically annealed and quenched plus tempered ferritic ductile iron with dual matrix structure**
Kocatepe K., Cerah M., Erdogan M.
MATERIALS & DESIGN, vol.28, no.1, pp.172-181, 2007 (Journal Indexed in SCI)
- VIII. **Influence of intercritical austenitising, tempering time and martensite volume fraction on the tensile properties of ferritic ductile iron with dual matrix structure**
Erdogan M., Cerah M., Kocatepe K.
INTERNATIONAL JOURNAL OF CAST METALS RESEARCH, vol.19, no.4, pp.248-253, 2006 (Journal Indexed in SCI)
- IX. **Effect of martensite volume fraction and its morphology on the tensile properties of ferritic ductile iron with dual matrix structures**
Kocatepe K., Cerah M., Erdogan M.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.178, pp.44-51, 2006 (Journal Indexed in SCI)
- X. **Influence of martensite volume fraction and tempering time on tensile properties of partially austenitized in the (alpha plus gamma) temperature range and quenched plus tempered ferritic ductile iron**
Cerah M., Kocatepe K., Erdogan M.
JOURNAL OF MATERIALS SCIENCE, vol.40, no.13, pp.3453-3459, 2005 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **AISI H13 Takım Çeliğine Uygulanan Derin Kriyojenik İşlem ve Temperleme Isıl İşleminin Mikroyapı, Sertlik ve Darbe Enerjisine Etkisi**

ÖZER M.

Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.7, no.3, pp.688-699, 2019 (Other Refereed National Journals)

II. The Fatigue Strength of AISI 430 304 Stainless Steels Welded by CO2 Laser Beam Welding

ÇALIGÜLÜ U., TÜRKMEN M., ÖZER A., TAŞKIN M., ÖZER M.

Metallofizika I Noveishie Tekhnologii, vol.37, no.6, pp.839-852, 2015 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

I. Influence of Cryogenic Treatment and Tempering on AISI H13 Hot Work Tool Steel

ÖZER M., DAVUT K., ÖZER A.

19th International Metallurgy and Materials Congress, İstanbul, Turkey, 25 - 27 October 2018, pp.856-859

II. Östemperlenmiş Küresel Grafitli Dökme Demirlerde İndüksiyonla Yüzey Sertleştirilmenin Mikroyapı ve Yorulma Dayanımı Üzerine Etkisi

OKTAY E., KILIÇLI V., ÖZER M., ERDOĞAN M.

1. Uluslararası Demir & Çelik Sempozyumu (IISS'12), 2 - 04 April 2012, pp.106-113

III. The evaluation of structure property relationships in the dual matrix ductile iron by magnetic barkhausen noise analysis

GÜR C. H. , ÖZER M., ERDOĞAN M.

17th World Conference on Nondestructive Testing, Shanghai, China, 25 - 28 October 2008, vol.1, pp.25-28

IV. Küresel Grafitli Dökme Demirde Kritik Tavlama Sıcaklıklarından Su Verme ve Östemperleme Isıl İşlemlerinin Mikroyapı Oluşumuna Etkileri

KILIÇLI V., ÖZER M., ERDOĞAN M.

4. Uluslararası İleri Teknolojiler Sempozyumu (4. IATS), 28 - 30 September 2005, pp.651-657

V. Küresel Grafitli Dökme Demirde Çift Fazlı Matris Yapının Üretimi ve Martensit Hacim Oranı ve Morfolojisinin Kontrolü

KILIÇLI V., ÖZER M., ERDOĞAN M.

1. Ulusal Metalurji ve Malzeme Günleri, Turkey, 27 - 28 May 2004, pp.143-152

Citations

Total Citations (WOS):121

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