

Asst. Prof. HÜSEYİN DEMİRTAŞ

Personal Information

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Education Information

Doctorate, Karabük Üniversitesi, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (Dr), Turkey 2010 - 2014

Post Graduate, Gazi Üniversitesi, Teknik Eğitim Fakültesi, Metal Eğitimi Bölümü, Turkey 2007 - 2010

Under Graduate, Gazi Üniversitesi, Teknik Eğitim Fakültesi, Metal Eğitimi Bölümü, Turkey 2002 - 2006

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Nikel Alüminyum Bileşiklerinin Mikroyapısını Kontrol Ederek Mekanik Özelliklerinin Geliştirilmesi, Karabük Üniversitesi, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2015

Post Graduate, TOZ METALURJİSİ YÖNTEMİ İLE ALÜMİNYUM ESASLIKÖPÜK SANDVIÇ YAPI ÜRETİMİ, Gazi Üniversitesi, Teknik Eğitim Fakültesi, Metal Eğitimi Bölümü, 2010

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Mechanical Properties, Composites, Metallic Materials, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Karabük Üniversitesi, Meslek Yüksekokulu, Makine Ve Metal Teknolojileri Bölümü, 2016 - Continues

Research Assistant, Karabük Üniversitesi, Mühendislik Fakültesi, Metalürji Ve Malzeme, 2009 - 2016

Professional Experience

Head of Department, Karabük Üniversitesi, Meslek Yüksekokulu, Elektrik Ve Enerji Bölümü, 2016 - 2019

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

I. Improvement of Mechanical Properties of NiAl-Cr(Mo) Alloys by Ti Addition

Demirtaş H., Güngör A.

Journal Of Optoelectronics And Advanced Materials, vol.9, pp.981-985, 2015 (Journal Indexed in SCI Expanded)

II. Improvement of mechanical properties of Ni Cr Mo alloy by Ti addition

DEMİRTAŞ H., GÜNGÖR A.

Optoelectronics And Advanced Materials-Rapid Communications, vol.9, pp.981-985, 2015 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

I. The Effect of Cr and Ni Addition on Mechanical Properties of Plain Carbon Steel

DEMİRTAŞ H., ERDEN M. A.

Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.7, pp.1217-1223, 2019 (Other Refereed National Journals)

II. Structure and Properties of Arc Melted Dilute NiAl Intermetallic Compounds

GÜNGÖR A., ULU R., DEMİRTAŞ H.

Journal Of Alloys And Compounds, vol.16, pp.123-128, 2013 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

I. Effects of Boron Addition on Microstructure and Tribocorrosion Behavior of 4140 Steel

AKSOY T., ÇEVİK E., DEMİRTAŞ H., SUN Y., ÇARBOĞA C.

UDCS'xx19 Fourth International Iron and Steel Symposium, 4-6 April, Karabük, 4 - 06 April 2019

II. INFLUENCE OF NANO-WC ADDITION ON WEAR PERFORMANCES OF CU-NI MATRIX NANOCOMPOSITES

ÇUĞ H., DEMİRTAŞ H., ERDEN M. A. , TURAN M. E. , AKGÜL Y., zengin o.

8. International Advances in Applied Physics & Materials Science Congress & Exhibition, Muğla, Turkey, 24 - 30 April 2018, vol.1, no.1, pp.119

III. INVESTIGATION OF MICROSTRUCTURAL AND MECHANICAL PROPERTIES OF ZIRCONIUM CARBIDE (ZrC) REINFORCED ALUMINUM MATRIX NANOCOMPOSITES

ÇUĞ H., ERDEN M. A. , DEMİRTAŞ H., TURAN M. E. , AKGÜL Y., zengin o.

8. International Advances in Applied Physics & Materials Science Congress & Exhibition, Muğla, Turkey, 24 - 30 April 2018, vol.1, no.1, pp.113

IV. Mechanical and Microstructural Properties of SA 210 Gr C Pipes Welded by Tungsten Inert Gas

DEMİRTAŞ H., KARA İ. H. , AHLATCI H.

18th International Conference on Materials Science and Engineering, 26 - 27 December 2016

V. Microstructure and Mechanical Properties of NiAl and Eutectic NiAl Alloys

GÜNGÖR A., DEMİRTAŞ H.

International Conference on Advanced Technology and Sciences, 23 - 25 November 2016, vol.1

VI. Hafif Raylı Araçlarda Enerji Sönümleyici Olarak Metalik Köpükler

DEMİRTAŞ H.

3rd International Symposium on Railway Systems Engineering (13-15 October 2016), 13 - 15 October 2016

VII. Corrosion Resistance of Silica Coated Magnesium

GÜNGÖR A., DEMİRTAŞ H., Yaşar M.

16. International Metallurgy & Materials Congress (IMMC'16), İstanbul, Turkey, 13 - 15 September 2016, pp.558-564

VIII. Effect of Nb Addition on Structural and Mechanical Properties of NiAl₂Cr₆Mo Eutectic Alloys

GÜNGÖR A., DEMİRTAŞ H.

III. International Conference on Innovative Materials and Structures Technologies in Metallurgical Engineering, METECH 2015, İstanbul, Turkey, 27 - 28 November 2015

IX. Effect Of Alloying Elements On The Microstructure And Mechanical Properties Of Nial Cr Mo Eutectic Alloy

DEMİRTAŞ H., GÜNGÖR A.

XII International Congress Machines, Technologies, Materials, Varna, Bulgaria, 16 - 19 September 2015, vol.22,

pp.4-8

- X. **Effect Of Alloying Elements On The Microstructure And Mechanical Properties Of Nial Cr Mo Eutectic Alloy**
DEMİRTAŞ H., GÜNGÖR A.
12. International Scientific Congress; Machines, Technologies, Materials, Sofija, Bulgaria, 16 - 19 September 2015, pp.25-29
- XI. **Effect of Cr And Co on The Material Properties of Arc Melted NiAl Intermetallic Compounds**
GÜNGÖR A., DEMİRTAŞ H.
14. International Materials Symposium (IMSP'2012, Denizli, Turkey, 10 - 12 October 2012, pp.428-434
- XII. **Synthesis and Characterization of SiO₂ Films Coated on Stainless Steel by Sol-Gel Method**
GÜNGÖR A., DEMİRTAŞ H., Atılgan İ., Yaşar M.
I. Internation Iron and Steel Symposium, Karabük, Turkey, 2 - 04 April 2012, pp.694-699

Supported Projects

- DEMİRTAŞ H., YILDIZ R., Project Supported by Higher Education Institutions, Basınçlı İnfiltrasyon Yöntemi İle İntermetalik Takviyeli Magnezyum Bazlı Kompozitlerin Üretimi, 2018 - 2019
- DEMİRTAŞ H., Project Supported by Higher Education Institutions, Effect of Cr and Ni Additions on the Plain Carbon Steel Microstructure, 2018 - 2018
- DEMİRTAŞ H., Project Supported by Higher Education Institutions, 16MnCr5 Çeliğinde Deformasyon Sertleşmesinin Mekanik Özelliklere ve Aşınma Davranışına Etkisi, 2017 - 2018
- DEMİRTAŞ H., Project Supported by Higher Education Institutions, MECHANICAL and MICROSTRUCTURAL PROPERTIES of SA 210 Gr. C PIPES WELDED BY TIG, 2016 - 2017
- TUBITAK Project, Ötektik Yapı ve İkincil Fazlarla NiAl İntermetalik Bileşiklerin Mekanik Özelliklerinin Geliştirilmesi, 2015 - 2016