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Education Information

Doctorate, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 1997 - 2003

Post Graduate, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 1994 - 1997

Under Graduate, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 1990 - 1994

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Alüminyum-Silisyum Karbür Kompozitlerin Mekanik Özelliklerine ve Aşınma Davranışına Takviye Partikül Boyutunun ve Matris Bileşiminin Etkisi, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2003

Post Graduate, Kesici Takımların Performansına Takım Malzemesinin ve TiN Kaplamanın Etkisi, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 1997

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Material Characterization, Mechanical Metallurgy, Engineering and Technology

Academic Titles / Tasks

Professor, Karabük Üniversitesi, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2015 - Continues
Associate Professor, Karabük Üniversitesi, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2010 - 2015

Assistant Professor, Karabük Üniversitesi, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2004 - 2010

Research Assistant, Bülent Ecevit Üniversitesi, Karabük Teknik Eğitim Fakültesi, Metal Öğretmenliği Pr., 1994 - 2004

Professional Experience

Head of Department, Karabük Üniversitesi, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2010 - Continues

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

- I. **Mechanical, tribological, and biological properties of carbon fiber/hydroxyapatite reinforced hybrid composites**
AKGÜL Y., AHLATCI H., TURAN M. K. , ŞİMŞİR H., ERDEN M. A. , SUN Y., Kılıç A.
Polymer Composites, vol.41, pp.2426-2432, 2020 (Journal Indexed in SCI Expanded)
- II. **Pure Bending Fatigue Crack Propagation in Deep-Drawn Steel Cord Filaments**
Koymatçık H., AHLATCI H., SUN Y., TÜREN Y.
Metal Science and Heat Treatment, vol.61, pp.691-697, 2020 (Journal Indexed in SCI Expanded)
- III. **Influence of carbon fiber content on bio-tribological performances of high-density polyethylene**
AKGÜL Y., AHLATCI H., TURAN M. E. , ERDEN M. A. , SUN Y., Kılıç A.
MATERIALS RESEARCH EXPRESS, vol.6, 2019 (Journal Indexed in SCI)
- IV. **Effect of Zn addition on mechanical and corrosion properties of as-cast and as-extruded WE43 magnesium alloys**
Subasi Y., TÜREN Y., ZENGİN H., AHLATCI H., SUN Y.
MATERIALS RESEARCH EXPRESS, vol.6, 2019 (Journal Indexed in SCI)
- V. **Effects of 1WT.% Ti, In, and Sn Additions on the Microstructure, Mechanical and Corrosion Properties of the As-Cast and Hot-Rolled AM60 Magnesium Alloys**
Turen Y. U. , Zengin H., Sun Y., Ahlatci H., Unal M.
Metal Science and Heat Treatment, vol.61, pp.318-324, 2019 (Journal Indexed in SCI Expanded)
- VI. **Effects of alloying element and cooling rate on properties of AM60 Mg alloy**
ELEN L., ÇİÇEK B., KOÇ E., TÜREN Y., SUN Y., AHLATCI H.
MATERIALS RESEARCH EXPRESS, vol.6, 2019 (Journal Indexed in SCI)
- VII. **Evaluation of oxidation and thermal cyclic behavior of YSZ, Gd₂Zr₂O₇ and YSZ/Gd₂Zr₂O₇ TBCs**
Doleker K. M. , Ozgurluk Y., AHLATCI H., KARAOĞLANLI A. C.
SURFACE & COATINGS TECHNOLOGY, vol.371, pp.262-275, 2019 (Journal Indexed in SCI)
- VIII. **Influence of Sn addition on microstructure and corrosion resistance of AS21 magnesium alloy**
ZENGİN H., TÜREN Y., AHLATCI H., SUN Y., KARAOĞLANLI A. C.
TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, vol.29, pp.1413-1423, 2019 (Journal Indexed in SCI)
- IX. **Thermal investigation of fine alumina powder reinforced Na-metakaolin-based geopolymer binder for refractory applications**
Yasin S., AHLATCI H.
Journal of the Australian Ceramic Society, vol.55, pp.587-593, 2019 (Journal Indexed in SCI Expanded)
- X. **Cyclic Hot Corrosion Failure Behaviors of EB-PVD TBC Systems in the Presence of Sulfate and Vanadate Molten Salts**
ÖZGÜRLÜK Y., DÖLEKER K. M. , Ozkan D., AHLATCI H., KARAOĞLANLI A. C.
COATINGS, vol.9, 2019 (Journal Indexed in SCI)
- XI. **Mechanical properties of graphene-nanoparticle and carbon-nanotube-reinforced PE-matrix nanocomposites**
ERDEN M. A. , AKGÜL Y., Kayabas O., AHLATCI H., Cetinkaya K., ÖZTÜRK F. H.
Materiali in Tehnologije, vol.53, pp.785-789, 2019 (Journal Indexed in SCI Expanded)
- XII. **Effect of drawing strain on fatigue behavior of steel tire cord filaments**
Koymatçık H., AHLATCI H.
MATERIALS TESTING, vol.60, pp.1171-1174, 2018 (Journal Indexed in SCI)

- XIII. **Effects of carbonaceous reinforcements on microstructure and corrosion properties of magnesium matrix composites**
TURAN M. E. , SUN Y., AYDIN F., ZENGİN H., TÜREN Y., AHLATCI H.
MATERIALS CHEMISTRY AND PHYSICS, vol.218, pp.182-188, 2018 (Journal Indexed in SCI)
- XIV. **Microstructure and corrosion properties of lanthanum-added AZ31 Mg alloys**
KARA İ. H. , AHLATCI H., TÜREN Y., SUN Y.
ARABIAN JOURNAL OF GEOSCIENCES, vol.11, 2018 (Journal Indexed in SCI)
- XV. **Investigation of hot corrosion behavior of thermal barrier coating (TBC) systems with rare earth contents**
Ozgurluk Y., Doleker K. M. , AHLATCI H., KARAOĞLANLI A. C.
ARABIAN JOURNAL OF GEOSCIENCES, vol.11, 2018 (Journal Indexed in SCI)
- XVI. **Investigation of Microstructure, Mechanical and Wear Behaviour of B4C Particulate Reinforced Magnesium Matrix Composites by Powder Metallurgy**
AYDIN F., SUN Y., AHLATCI H., TÜREN Y.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.71, pp.873-882, 2018 (Journal Indexed in SCI)
- XVII. **The effect of head hardening process on the residual stress of rails**
Turan M. E. , ÖZÇELİK S., HÜSEM F., AHLATCI H., SUN Y., Tozlu I.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART F-JOURNAL OF RAIL AND RAPID TRANSIT, vol.232, pp.589-595, 2018 (Journal Indexed in SCI)
- XVIII. **Mechanical Properties and Corrosion Behavior of As-Cast Mg-Zn-Zr-(La) Magnesium Alloys**
ZENGİN H., TÜREN Y., AHLATCI H., SUN Y.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.27, pp.389-397, 2018 (Journal Indexed in SCI)
- XIX. **An investigation on dry sliding wear behaviour of pressure infiltrated AA1050-XMg/B4C composites**
ÇEVİK E., SUN Y., TÜREN Y., AHLATCI H.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.25, pp.67-73, 2018 (Journal Indexed in SCI)
- XX. **Isothermal Oxidation Behavior of Gadolinium Zirconate (Gd₂Zr₂O₇) Thermal Barrier Coatings (TBCs) produced by Electron Beam Physical Vapor Deposition (EB-PVD) technique**
Doleker K. M. , Ozgurluk Y., AHLATCI H., KARAOĞLANLI A. C.
OPEN CHEMISTRY, vol.16, pp.986-991, 2018 (Journal Indexed in SCI)
- XXI. **The Microstructural Investigation of Vermiculite-Infiltrated Electron Beam Physical Vapor Deposition Thermal Barrier Coatings**
Ozgurluk Y., Doleker K. M. , AHLATCI H., Ozkan D., KARAOĞLANLI A. C.
OPEN CHEMISTRY, vol.16, pp.1106-1110, 2018 (Journal Indexed in SCI)
- XXII. **Microstructure, mechanical properties and corrosion resistance of as-cast and as-extruded Mg-4Zn-1La magnesium alloy**
ZENGİN H., TÜREN Y., AHLATCI H., SUN Y.
Rare Metals, pp.1-9, 2018 (Journal Indexed in SCI Expanded)
- XXIII. **The effect of GNPs on wear and corrosion behaviors of pure magnesium**
TURAN M. E. , SUN Y., AKGÜL Y., TÜREN Y., AHLATCI H.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.724, pp.14-23, 2017 (Journal Indexed in SCI)
- XXIV. **Investigation of Isothermal Oxidation Behavior of Thermal Barrier Coatings (TBCs) Consisting of YSZ and Multilayered YSZ/Gd₂Zr₂O₇ Ceramic Layers**
DÖLEKER K. M. , AHLATCI H., KARAOĞLANLI A. C.
OXIDATION OF METALS, vol.88, pp.109-119, 2017 (Journal Indexed in SCI)
- XXV. **Effect of Zn and Mn Additions on the Wear Resistance of Cast Alloy Mg-5% Al-1% Si**
ÇUĞ H., AHLATCI H.
METAL SCIENCE AND HEAT TREATMENT, vol.59, pp.161-167, 2017 (Journal Indexed in SCI)
- XXVI. **Effect of magnesium additions on composites with Al and Al – 12% si matrices strengthened with B4C and prepared by infiltration under pressure**
ÇEVİK E., SUN Y., AHLATCI H., TÜREN Y.
Metal Science and Heat Treatment, vol.58, pp.357-361, 2016 (Journal Indexed in SCI)

- XXVII. **Effect of the additions of dehydrated geopolymer powders on compressive strength and integrity of the final geopolymer**
YAŞIN S., AHLATCI H.
JOURNAL OF CERAMIC PROCESSING RESEARCH, vol.16, pp.662-666, 2015 (Journal Indexed in SCI)
- XXVIII. **Mechanical properties of pattern welded 1075-15n20 steels**
Ozkan F., Kirdan H., Kara İ. H., Husem F., Ozcelik S., Akinay Y., Cug H., Sun Y., AHLATCI H.
Materialpruefung/Materials Testing, vol.56, pp.897-900, 2014 (Journal Indexed in SCI Expanded)
- XXIX. **Characterization and reduction behavior of cold-bonded composite pellets for direct reduction using an organic binder**
Cevik E., Ahlatci H., Sun Y.
Metallurgist, vol.57, pp.468-477, 2013 (Journal Indexed in SCI Expanded)
- XXX. **Wear behaviours of Pb added Mg-Al-Si composites reinforced with in situ Mg₂Si particles**
Cicek B., AHLATCI H., SUN Y.
MATERIALS & DESIGN, vol.50, pp.929-935, 2013 (Journal Indexed in SCI)
- XXXI. **Corrosion and Wear Behaviour of Boronized high Carbon and Chromium Cast Steel**
AHLATCI H., Yargul G., ÇUĞ H., ÇEVİK E., YAŞIN S., SUN Y.
ISIJ INTERNATIONAL, vol.53, pp.887-893, 2013 (Journal Indexed in SCI)
- XXXII. **Production of 316L stainless steel implant materials by powder metallurgy and investigation of their wear properties**
Kurgan N., SUN Y., Cicek B., AHLATCI H.
CHINESE SCIENCE BULLETIN, vol.57, pp.1873-1878, 2012 (Journal Indexed in SCI)
- XXXIII. **Effect of copper addition on wear and corrosion behaviours of Mg₂Si particle reinforced composites**
Palta A., SUN Y., AHLATCI H.
Materials and Design, vol.36, pp.451-458, 2012 (Journal Indexed in SCI Expanded)
- XXXIV. **Mechanical and wear behaviors of Al-12Si-XMg composites reinforced with in situ Mg₂Si particles**
SUN Y., AHLATCI H.
MATERIALS & DESIGN, vol.32, pp.2983-2987, 2011 (Journal Indexed in SCI)
- XXXV. **Production and corrosion behaviours of the Al-12Si-XMg alloys containing in situ Mg₂Si particles**
Ahlatci H.
Journal of Alloys and Compounds, vol.503, pp.122-126, 2010 (Journal Indexed in SCI Expanded)
- XXXVI. **Wear and corrosion behaviours of extruded Al-12Si-XMg alloys**
Ahlatci H.
MATERIALS LETTERS, vol.62, pp.3490-3492, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Ca and Ce Effect on the Corrosion Resistance of Hot-Rolled AZ31 Mg Alloys**
KARA İ. H., Yousef T. A. I., AHLATCI H., TÜREN Y.
ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH, vol.10, pp.5113-5116, 2020 (Journal Indexed in ESCI)
- II. **The Immersion Corrosion Resistance of Shot Peening and MAO Applied on AZ31-0.5% La Sheets**
Elmansouri G., KARA İ. H., AHLATCI H., TÜREN Y.
ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH, vol.10, pp.5201-5204, 2020 (Journal Indexed in ESCI)
- III. **Effect of 1 WT.Ti, Ln, and Sn Additions on the Microstructure, Mechanical and Corrosion Properties of the As-Cast and Hot-Rolled AM60 Magnesium Alloys**
TÜREN Y., ZENGİN H., SUN Y., AHLATCI H., ÜNAL M.
Metal Science And Heat Treatment, vol.61, pp.318-324, 2019 (Refereed Journals of Other Institutions)
- IV. **Production of ZrO₂ Reinforced AZ31 Matrix Composites via Powder Metallurgy**
SUN Y., AYDIN F., TURAN M. E., TÜREN Y., AHLATCI H.

Advanced Science, Engineering and Medicine, vol.11, pp.471-474, 2019 (Refereed Journals of Other Institutions)

- V. **The Effect of Accelerated Cooling on Microstructure and Impact Strength of S355J2 Quality Steels Used in Power Transmission Line Construction**
ZENGİN H., AHLATCI H., ÖNER Ş., DEMİRKAZIK M. E. , ÖZÇELİK S., TÜREN Y., SUN Y.
Universal Journal of Materials Science, vol.7, pp.1-5, 2019 (Refereed Journals of Other Institutions)
- VI. **Effect of carbon content and drawing strain on the fatigue behavior of tire cord filaments**
Koymatçık H., AHLATCI H., SUN Y., TÜREN Y.
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.21, pp.289-296, 2018
(Journal Indexed in ESCI)
- VII. **INVESTIGATION OF MICROSTRUCTURE, HARDNESS AND WEAR PROPERTIES OF MWCNT REINFORCED AZ91 MAGNESIUM MATRIX COMPOSITES**
SUN Y., TURAN M. E. , AHLATCI H., TÜREN Y., ÜNAL M.
International Journal of Mechanical and Production Engineering, vol.6, pp.45-47, 2018 (Refereed Journals of Other Institutions)
- VIII. **EFFECT OF Y ADDITION ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF AS-CAST MG-ZN-ZR-LA MAGNESIUM ALLOYS**
TÜREN Y., ZENGİN H., SUN Y., AHLATCI H., ÜNAL M.
International Journal of Mechanical and Production Engineering, vol.6, pp.38-40, 2018 (Refereed Journals of Other Institutions)
- IX. **Electrochemical Corrosion Behavior of Mg-5Al-1Ti XZn Alloys**
AHLATCI H., ÇUĞ H., TÜREN Y., SUN Y., ÜNAL M., ZENGİN H.
International Journal of Advances in Science, Engineering and Technology, vol.6, pp.37-40, 2018 (Refereed Journals of Other Institutions)
- X. **EFFECT OF COPPER ADDITIONS ON MICROSTRUCTURE CASTING AND MECHANICAL PROPERTIES OF AZ91 MAGNESIUM ALLOY**
ÜNAL M., KOÇ E., TÜREN Y., SUN Y., AHLATCI H.
International Journal of Mechanical and Production Engineering, vol.6, pp.41-44, 2018 (Refereed Journals of Other Institutions)
- XI. **A comparative study on corrosion behaviors of pearlitic rails generally used in railway tracks**
TURAN M. E. , AKGÜL Y., AYDIN F., SUN Y., TÜREN Y., AHLATCI H.
Engineering and Technology Journal, vol.2, pp.264-269, 2017 (Refereed Journals of Other Institutions)
- XII. **Effect of Cooling Rate and 2 Wt Silicon Addition on Microstructure and Mechanical Properties of AZ91 Mg Alloys**
ÜNAL M., GÖREN H. A. , KOÇ E., TÜREN Y., AHLATCI H., SUN Y.
International Journal of Mechanical and Production Engineering (IJMPE), vol.5, pp.25-28, 2017 (Refereed Journals of Other Institutions)
- XIII. **Effect of Sn Addition on Microstructure and Mechanical Properties of as-Cast And Hot-Rolled Am60 Magnesium Alloys**
SUN Y., ZENGİN H., TÜREN Y., AHLATCI H., KARAÇELEBİ E., ÜNAL M.
International Journal of Mechanical and Production Engineering (IJMPE), vol.5, pp.22-24, 2017 (Refereed Journals of Other Institutions)
- XIV. **Effect of Sn Addition on Mechanical Properties of AS21 Magnesium Alloys**
AHLATCI H., ZENGİN H., TÜREN Y., SUN Y., YILDIZ M. M. , KARAOĞLANLI A. C.
International Journal of Mechanical And Production Engineering, vol.5, pp.33-34, 2017 (Refereed Journals of Other Institutions)
- XV. **Effect of Ti Addition on Microstructure and Mechanical Properties of As-cast and Hot-rolled AZ31 Magnesium Alloys**
TÜREN Y., ZENGİN H., AHLATCI H., SUN Y., DOĞAN D., DAĞLILAR S.
International Journal of Mechanical And Production Engineering, vol.5, pp.19-21, 2017 (Refereed Journals of Other Institutions)
- XVI. **Microstructure and Corrosion Properties of Homogenized Mg-4Zn-1La Magnesium Alloy**

- ZENGİN H., TÜREN Y., AHLATCI H., SUN Y., KARA İ. H.
Key Engineering Materials, vol.750, pp.118-123, 2017 (Refereed Journals of Other Institutions)
- XVII. **Effect of Ti Addition on Corrosion Properties of As-Cast and Hot-Rolled AM60 Magnesium Alloys**
SUN Y., AYDIN N. U. , TÜREN Y., AHLATCI H., ZENGİN H.
Key Engineering Materials, vol.750, pp.113-117, 2017 (Refereed Journals of Other Institutions)
- XVIII. **Effect of Sn Addition on Corrosion Properties of As-Cast and Hot-Rolled AZ31 Magnesium Alloys**
TÜREN Y., GÜZEL D., ZENGİN H., SUN Y., AHLATCI H.
Key Engineering Materials, vol.750, pp.124-128, 2017 (Refereed Journals of Other Institutions)
- XIX. **“Microstructure and Corrosion Properties of Homogenized AZ31 and AZ31 1 La Magnesium Alloys**
AHLATCI H., KARA İ. H. , TÜREN Y., SUN Y., ZENGİN H.
Key Engineering Materials, vol.750, pp.107-112, 2017 (Refereed Journals of Other Institutions)
- XX. **The Effect of Silicon Content on Microstructure and Mechanical Properties of Lead-free Brass Casting Alloys**
TÜREN Y., YILDIRIM M., AHLATCI H., ZENGİN H., ÜNAL M., SUN Y., ACARER M.
Livarski Vestnik, 2016 (Refereed Journals of Other Institutions)
- XXI. **The effect of silicon content on microstructure and mechanical properties of lead-free brass casting alloys**
TÜREN Y., YILDIRIM M., AHLATCI H., ZENGİN H., ÜNAL M., SUN Y., ACARER M.
Livarski vestnik, letnik, vol.63, pp.192-199, 2016 (Refereed Journals of Other Institutions)
- XXII. **The Relationship Between Fatigue Crack Growth and Residual Stress in Rails**
HÜSEM F., TURAN M. E. , SUN Y., AHLATCI H., TOZLU İ.
World Academy of Science, Engineering and TechnologyInternational Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, vol.10, pp.1194-1199, 2016 (Refereed Journals of Other Institutions)
- XXIII. **Tyhe relationship between fatigue crack growth and residual stress in rails**
HÜSEM F., TURAN M. E. , SUN Y., AHLATCI H., TOZLU İ.
World Academy of Science, Engineering and TechnologyInternational Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, vol.10, pp.1169-1174, 2016 (Refereed Journals of Other Institutions)
- XXIV. **The Relationship Between Fatigue Crack Growth and Residual Strees in Rails**
HÜSEM F., TURAN M. E. , SUN Y., AHLATCI H., TOZLU İ.
International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, vol.10, pp.1169-1174, 2016 (Refereed Journals of Other Institutions)
- XXV. **Influence of Titanium Addition on Wear Properties of AM60 Magnesium Alloy**
ZENGİN H., TURAN M. E. , TÜREN Y., AHLATCI H., SUN Y.
International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, vol.10, pp.708-712, 2016 (Refereed Journals of Other Institutions)
- XXVI. **Wear Behaviors of B4C and SiC Particle Reinforced AZ91 Magnesium Matrix Metal Composites**
TURAN M. E. , ZENGİN H., ÇEVİK E., SUN Y., TÜREN Y., AHLATCI H.
International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, vol.10, pp.708-712, 2016 (Refereed Journals of Other Institutions)
- XXVII. **RESIDUAL STRESS MEASUREMENT IN RAILS BY DESTRUCTIVE AND NON DESTRUCTIVE METHOD**
TURAN M. E. , ÖZÇELİK S., ZENGİN H., AHLATCI H., TÜREN Y., SUN Y.
Metal, 2015 (Refereed Journals of Other Institutions)
- XXVIII. **Investigation of corrosion properties of uncoated and hot dip galvanised dual phase steel DP450 welded using spot welding**
ACARER M., AHLATCI H., HAYAT F.
Scientific Research And Essays, vol.8, pp.815-822, 2013 (Refereed Journals of Other Institutions)
- XXIX. **Effect of Ti on the Corrosion Behaviour of In Situ Mg2Si Particle Reinforced Al 12Si 20Mg XTi Alloys**
AHLATCI H., DURMAZ A., PALTA A., ACARER M., CANDAN E.
Materials Science Forum, pp.511-516, 2010 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **High temperature wear performances of TiB₂ and GNPs reinforced magnesium matrix hybrid composites**
SUN Y., ÇEVİK E., TÜREN Y., AHLATCI H., TURAN M. E. , AYDIN F., ZENGİN H.
The International Conference on Materials Science, Mechanical and Automotive Engineerings and Technology (IMSMATEC'xx20), İstanbul, Turkey, 24 - 26 June 2020
- II. **Paslanmaz Çelik Matrisli Fonksiyonel Derecelendirilmiş Malzeme Üretimi ve Karakterizasyonu**
Özusta B., Akgül Y., Ahlatcı H., Yaşın S., Esen İ., Sun Y., Türen Y.
UDCS'19 Fourth International Iron and Steel Symposium, Karabük, Turkey, 4 - 06 April 2019
- III. **The Effect of Corrosive Environment on the Corrosion Behavior of High Chromium Steels**
KÜÇÜK M. A. , AHLATCI H., TÜREN Y., ARI S., SUBAŞI Y., YAŞIN S.
UDCS'xx19 Fourth International Iron and Steel Symposium, 4 - 06 April 2019
- IV. **İş Makinası Tırnaklarının Şiddetli Abratif Aşınma Davranışlarına Isıl İşlemin Etkisi**
ÖZGENÇ C., AHLATCI H., TÜREN Y., YAŞIN S., ESMA K., MUSTAFA ALİ K., YASİN S., ÇETİNTAŞ B.
UDCS'xx19 Fourth International Iron and Steel Symposium, 4 - 06 April 2019
- V. **DESIGN OF A NEW SYSTEM FOR THE PRODUCTION OF Mg ALLOYS BY POWDER INJECTION MOLDING METHOD**
ÇİÇEK B., SUN Y., TÜREN Y., AHLATCI H.
IMSTEC 19, Ankara, Turkey, 18 - 20 October 2019
- VI. **The effect of Ca and Ce on Wear Behavior of Hot-Rolled AZ31 Mg Alloys**
KARA İ. H. , YOUSEF T. A. I. , AHLATCI H., TÜREN Y.
6th International Conference on Computational and Experimental Science and Engineering, 23 - 27 October 2019
- VII. **The effect of Ca and Ce on Corrosion Resistance of Hot-Rolled AZ31 Mg Alloys**
KARA İ. H. , YOUSEF T. A. I. , AHLATCI H., TÜREN Y.
6th International Conference on Computational and Experimental Science and Engineering (ICCESEN 2019), 23 - 27 October 2019
- VIII. **Wear Properties of Micro Arc Oxidation Coated and Shot Peening Applied AZ31 Mg Sheets.**
KARA İ. H. , ELMENSOURI G., AHLATCI H., TÜREN Y., ÜNAL O., ŞÜKÜROĞLU E. E.
"6th International Conference on Computational and Experimental Science and Engineering (ICCESEN 2019), 23 - 27 October 2019
- IX. **Immersion Corrosion Properties of Micro Arc Oxidation Coated and Shot Peening Applied AZ31 Mg Sheets.**
KARA İ. H. , ELMENSOURI G., AHLATCI H., TÜREN Y., ÜNAL O., ŞÜKÜROĞLU E. E.
"6th International Conference on Computational and Experimental Science and Engineering (ICCESEN 2019), 23 October - 27 December 2019
- X. **DRY WEAR BEHAVIOUR OF MAO APPLIED AZ31 SHEET ALLOYS CONTAINING NEODYMIUM**
AHLATCI H., KARA İ. H. , ELMENSOURI G., TÜREN Y.
4. International Conference on Material Science and Technology, 18 - 20 October 2019
- XI. **CAM ELYAF TAKVİYELİ POLİMERLERİN KOROZİF AŞINMA DAVRANIŞININ ÇELİK KALİTELERİ İLE KARŞILAŞTIRILMASI**
Ahlatcı H.
IMSTEC(2019) , Ankara, Turkey, 18 - 20 October 2019, pp.683-685
- XII. **INVESTIGATION OF TECHNICAL CHARACTERISTICS AFTER BENDING IN P11 QUALITY STEEL PIPES**
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