

Kişisel Bilgiler

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Effect of Multiwalled Carbon Nanotubes on Elevated Temperature Tensile and Wear Behavior of Al2024 Matrix Composites Fabricated by Stir Casting and Hot Extrusion**
TURAN M. E. , Rashad M., ZENGİN H., TOPCU İ., SUN Y., Asif M.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, cilt.29, ss.5227-5237, 2020 (SCI İndekslerine Giren Dergi)
- II. **Improved elevated temperature mechanical properties of graphene-reinforced pure aluminium matrix composites**
TURAN M. E. , AYDIN F.
MATERIALS SCIENCE AND TECHNOLOGY, cilt.36, ss.1092-1103, 2020 (SCI İndekslerine Giren Dergi)
- III. **Dry Sliding Wear Behavior of (MWCNT plus GNPs) Reinforced AZ91 Magnesium Matrix Hybrid Composites**
TURAN M. E. , ZENGİN H., SUN Y.
METALS AND MATERIALS INTERNATIONAL, cilt.26, ss.541-550, 2020 (SCI İndekslerine Giren Dergi)
- IV. **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, cilt.6, 2019 (SCI İndekslerine Giren Dergi)
- V. **Evolution of Microstructure, Residual Stress, and Tensile Properties of Mg-Zn-Y-La-Zr Magnesium Alloy Processed by Extrusion**
ZENGİN H., TÜREN Y., TURAN M. E. , AYDIN F.
ACTA METALLURGICA SINICA-ENGLISH LETTERS, cilt.32, ss.1309-1319, 2019 (SCI İndekslerine Giren Dergi)
- VI. **Tensile and wear properties of as-cast and as-extruded ZK60 magnesium alloys containing minor Nd additions**
ZENGİN H., TÜREN Y., TURAN M. E.
MATERIALS RESEARCH EXPRESS, cilt.6, 2019 (SCI İndekslerine Giren Dergi)
- VII. **Effect of Zn content and heat treatment on tribological behavior of biodegradable Mg-xZn alloys in simulated body fluid**
KOÇ E., TURAN M. E.
MATERIALS RESEARCH EXPRESS, cilt.6, 2019 (SCI İndekslerine Giren Dergi)
- VIII. **Dry Sliding Wear Behavior of (MWCNT+GNPs) Reinforced AZ91 Magnesium Matrix Hybrid Composites**
TURAN M. E. , ZENGİN H., SUN Y.
METALS AND MATERIALS INTERNATIONAL, cilt.-, ss.1-10, 2019 (SCI İndekslerine Giren Dergi)
- IX. **Investigation of mechanical properties of carbonaceous (MWCNT, GNPs and C60) reinforced hot-extruded aluminum matrix composites**
TURAN M. E.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.788, ss.352-360, 2019 (SCI İndekslerine Giren Dergi)
- X. **Residual stress measurement by strain gauge and X-ray diffraction method in different shaped rails**
Turan M. E. , Aydın F., Sun Y., Çetin M.
ENGINEERING FAILURE ANALYSIS, cilt.96, ss.525-529, 2019 (SCI İndekslerine Giren Dergi)

- XI. **Influence of aging on mechanical properties, wear and residual stress of a Heusler Al-Cu-Fe alloy**
HÜSEM F., MEYDANERİ TEZEL F., TURAN M. E.
MATERIALS TESTING, cilt.61, ss.56-60, 2019 (SCI İndekslerine Giren Dergi)
- XII. **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, cilt.218, ss.182-188, 2018 (SCI İndekslerine Giren Dergi)
- XIII. **Mechanical, tribological and corrosion properties of fullerene reinforced magnesium matrix composites fabricated by semi powder metallurgy**
TURAN M. E. , SUN Y., AKGÜL Y.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.740, ss.1149-1158, 2018 (SCI İndekslerine Giren Dergi)
- XIV. **Hybrid Reinforced Magnesium Matrix Composites (Mg/Sic/GNPs): Drilling Investigation**
Abdulgadir M. M. , DEMİR B., TURAN M. E.
METALS, cilt.8, 2018 (SCI İndekslerine Giren Dergi)
- XV. **Improved wear properties of magnesium matrix composite with the addition of fullerene using semi powder metallurgy**
TURAN M. E. , SUN Y., AKGÜL Y.
FULLERENES NANOTUBES AND CARBON NANOSTRUCTURES, cilt.26, ss.130-136, 2018 (SCI İndekslerine Giren Dergi)
- XVI. **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, cilt.724, ss.14-23, 2017 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **FULLERENİN SICAK EKSTRÜZYONLU ALUMİNYUM MATRİSLİ KOMPOZİTİN MEKANİK ÖZELLİKLERİNE ETKİSİ**
TURAN M. E.
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, cilt.8, ss.1153-1159, 2019 (Diğer Kurumların Hakemli Dergileri)
- II. **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, cilt.11, ss.471-474, 2019 (Diğer Kurumların Hakemli Dergileri)
- III. **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, cilt.6, ss.45-47, 2018 (Diğer Kurumların Hakemli Dergileri)
- IV. **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, cilt.2, ss.264-269, 2017 (Diğer Kurumların Hakemli Dergileri)
- V. **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 Technology International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, cilt.10, ss.1194-1199, 2016 (Diğer Kurumların Hakemli Dergileri)
- VI. **The Relationship Between Fatigue Crack Growth and Residual Strees in Rails**
HÜSEM F., TURAN M. E. , SUN Y., AHLATCI H., TOZLU İ.
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- VII. **Tyhe relationship between fatigue crack growth and residual stress in rails**

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World Academy of Science, Engineering and Technology International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, cilt.10, ss.1169-1174, 2016 (Diğer Kurumların Hakemli Dergileri)

VIII. **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, cilt.10, ss.708-712, 2016 (Diğer Kurumların Hakemli Dergileri)

IX. **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, cilt.10, ss.708-712, 2016 (Diğer Kurumların Hakemli Dergileri)

X. **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 (Diğer Kurumların Hakemli Dergileri)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- 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, Türkiye, 24 - 26 Haziran 2020
- II. **Evaluation of Residual Stress Formation for ST37 Steels After Hot Rolling Process**
Akgül N., AKGÜL Y., TURAN M. E.
Fourth International Iron and Steel Symposium (UDCS'xx19), 4 - 06 Nisan 2019
- III. **EFFECT OF NANO SiC REINFORCEMENT ON CORROSIVE WEAR BEHAVIOR OF Mg-6Al-1Zn MATRIX COMPOSITE**
TURAN M. E. , SUN Y.
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- IV. **Effect of Reduced Graphene Oxide (rGO) on Microstructure, Hardness and Corrosion Performance of Iron Matrix Composite**
ZENGİN H., TURAN M. E.
4th International Iron and Steel Symposium (UDCS'19), 4 - 06 Nisan 2019
- V. **Thermal Properties of Graphene Reinforced Fe-CrNi-Cu Alloys Produced by Powder Metallurgy**
AKINAY Y., TURAN M. E.
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- VI. **Investigation of Boron nitride (BN) on Tribological Behaviour of ,Iron Matrix Composite Produced by Semi Powder Method**
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- VII. **The Influence of Graphene Nanoplatelets (GNPs) on Dry Sliding Wear Performance of Hot Extruded Aluminum Matrix Composites**
ZENGİN H., TURAN M. E.
International Conference on Multidisciplinary Sciences, İstanbul, Türkiye, 15 - 16 Aralık 2018
- VIII. **TRIBOLOGICAL BEHAVIOR OF GRAPHENE NANOPATELETS(GNPs) REINFORCED AZ31 MAGNESIUM MATRIX COMPOSITES**
SUN Y., TURAN M. E.
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- IX. **ENHANCED COMPRESSIVE STRENGTH OF AZ91 MAGNESIUM ALLOY WITH THE ADDITION OF C60**

NANOPARTICLES

TURAN M. E. , SUN Y.

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- X. **SERVİS KOŞULLARINDA GERİNİM ÖLÇERLER KULLANARAKDEMİR YOLU RAYLARINDA GERİLME ÖLÇÜMÜ**
TURAN M. E. , SUN Y., AHLATCI H., ÖZÇELİK S.
4. Uluslararası Raylı Sistemler Mühendisliği Sempozyumu (ISERSE'18, 10 Aralık - 12 Ekim 2018
- XI. **TÜRKİYE'DE ÜRETİLEN İLK R350HT KALİTE RAYLARINKAREKTERİZASYONU VE SERVİŞ ŞARTLARINDAKİ BAŞARISI**
AHLATCI H., SUN Y., ESEN İ., TURAN M. E. , ÖZÇELİK S., Tozlu İ.
4. Uluslararası Raylı Sistemler Mühendisliği Sempozyumu (ISERSE'18), 10 - 12 Ekim 2018
- XII. **TÜRKİYE'DE ÜRETİLEN İLK R350HT KALİTE RAYLARIN KAREKTERİZASYONU VE SERVİS ŞARTLARINDAKİ BAŞARISI**
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- XIII. **WEAR BEHAVIORS OF FLASH BUTT WELDED R260 GRADE RAILWAY RAILS**
ÇUĞ H., TURAN M. E.
4th International Symposium on Railway Systems Engineering, 10 - 12 Ekim 2018, ss.740-743
- XIV. **INVESTIGATION OF WELDING RESIDUAL STRESS IN FLASH-BUTT JOINT OF R260 GRADE RAIL**
ÇUĞ H., DURSUNLAR M., TURAN M. E.
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- XV. **Investigation Of Microstructure, Hardness And Wear Properties Of Mwcnt Reinforced AZ91 Magnesium Matrix Composites**
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- XVI. **Investigation of microstructure, hardness and wear properties of MWCNT reinforced AZ91 Mg matrix composites**
SUN Y., TURAN M. E. , AHLATCI H., TÜREN Y., ÜNAL M.
The IIER International Conference, 24 - 25 Nisan 2018
- XVII. **Investigation Of Microstructure, Hardness And Wear Properties Of MWCNT Reinforced AZ91 Mg Matrix Composites**
SUN Y., TURAN M. E. , AHLATCI H., TÜREN Y., ÜNAL M.
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- XVIII. **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, Türkiye, 24 - 30 Nisan 2018, cilt.1, no.1, ss.113
- XIX. **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.
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- XX. **Microstructure, mechanical and corrosion properties of as-cast and as-extruded Mg-6Zn-0.5Zr-0.2La magnesium alloy**
ZENGİN H., TÜREN Y., TURAN M. E. , AHLATCI H., SUN Y.
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- XXI. **Microstructure and Mechanical Properties of Mg-xAl-GNPs composites**
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- XXII. **The Investigation of Microstructure, Mechanical and Wear Behavior of B4C Particulate Reinforced AZ91 Matrix Composites by Powder Metallurgy**
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- XXIII. **Production of ZrO₂ Reinforced AZ31 Matrix Composites Via Powder Metallurgy**
AYDIN F., SUN Y., TURAN M. E., AHLATCI H., TÜREN Y.
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- XXIV. **Influence of Cooling Conditions on Fracture Toughness of 1040 Quality Steel**
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- XXV. **Influence of Head Hardening Process on Fracture Toughness in Rails**
HÜSEM F., TURAN M. E., AHLATCI H.
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- XXVI. **The Investigation of Microstructure and Wear Behavior of TiB₂ Particulate Reinforced AZ91 Matrix Composites by Powder Metallurgy**
AYDIN F., SUN Y., TURAN M. E.
III. International Conference on Engineering and Natural Science (ICENS 2017), 3 - 07 Mayıs 2017
- XXVII. **Effect of Tempering Time and Temperature on Wear Performances of Cr-W steels**
AYDIN F., SUN Y., TURAN M. E., ACARER M., AHLATCI H., TÜREN Y.
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- XXVIII. **Wear Behaviors of Carbon Nanotube Reinforced Magnesium Matrix Composites**
TURAN M. E., SUN Y., AYDIN F., AKGÜL Y.
3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, 3 - 07 Mayıs 2017
- XXIX. **The Effect Of Silicon Carbide Nanoparticle Content On The Mechanical Properties Of The Aluminum-SiC Composites**
AKGÜL Y., TURAN M. E., SUN Y., HÜSEM F., IŞIK M.
3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, 3 - 07 Mayıs 2017
- XXX. **Synthesized Uniform Distributed Graphene Reinforced Mg-Al Matrix Composite Via Semi Powder Metallurgy**
TURAN M. E., SUN Y., AHLATCI H., TÜREN Y.
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- XXXI. **Influence of Straightening Process on Mechanical Properties of Pre-Strain Pearlitic Steels**
İNCESU A., AKGÜL Y., TURAN M. E., GÜLLÜ A.
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- XXXII. **Dry Sliding and Corrosive Wear Performances of Head Hardened Rails**
TURAN M. E., HÜSEM F., AKGÜL Y., SUN Y., AHLATCI H.
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- XXXIII. **Tribological Behaviors of Nitrided and Nitroxed Tool Steels**
TURAN M. E., ACARER M., KARAKUŞ M., AHLATCI H., TÜREN Y., SUN Y.
3rd Iron and Steel Symposium(UDCS'17), 3 - 05 Nisan 2017
- XXXIV. **Investigation of the Effect of TiC Content on the Mechanical Properties of the Aluminum/TiC Composites**
AKGÜL Y., TURAN M. E., AKINAY Y.
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- XXXV. **RESIDUAL STRESS DISTRIBUTION IN R220 AND R260 GRADE GROOVED RAILS**
TURAN M. E., SUN Y., HÜSEM F.
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- XXXVI. **TCDD Karabük Bolkuş Demiryolu Hattında 49E1 Kalite Raylarda Aşınma Davranışı**
ÖZÇELİK S., AHLATCI H., SUN Y., ESEN İ., EROĞLU M., TURAN M. E., TÜREN Y., Yürekli Y.

3. Uluslararası Raylı Sistemler Mühendisliği Sempozyumu, 13-15 Ekim 2016, Karabük Üniversitesi, Türkiye., 13 - 15 Ekim 2016
- XXXVII. **Residual Stress Measurement in R260 and R260mn Quality Rails**
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- XXXVIII. **Influence of Head Hardening Heat Treatment Process on Fatigue Crack Growth Behavior in Rails**
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- XXXIX. **Residual Stress Measurement In R260 And R260mn Quality Rails**
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- XL. **Influence of Head Hardening Process on Fatigue Crack Growth Behavior in Rails**
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- XLI. **TCDD KARABÜK BOLKUŞ DEMİR YOLU HATTINDA 49E1 KAL TE RAYLARDA AŞINMA DAVRANIŞI**
ÖZÇELİK S., AHLATCI H., SUN Y., ESEN İ., EROĞLU M., TURAN M. E. , TÜREN Y., TOZLU İ., YÜREKLİ Y.
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- XLII. **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.
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- XLIII. **The Relationship between Fatigue Crack Growth and Residual Stress in Rails**
HÜSEM F., TURAN M. E. , SUN Y., AHLATCI H., TOZLU İ.
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- XLIV. **The Influence of Titanium Addition on Wear Properties of AM60 Magnesium Alloy**
ZENGİN H., TURAN M. E. , TÜREN Y., AHLATCI H., SUN Y.
18th International Conference on Environmental Friendly Materials, Paris, Fransa, 20 - 21 Haziran 2016
- XLV. **Influence of Titanium Addition on Wear Properties of AM60 Magnesium Alloy**
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- XLVI. **R260 Kalite Raylarda Kalıntı Gerilme Sertlik ve Mikroyapı İlişkisi**
TURAN M. E. , İSPİR İ., ÇETİN M., SUN Y., AHLATCI H.
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- XLVII. **Effects of Bismuth Additions on Microstructure and Mechanical Properties of AZ91 Alloy**
ELEN L., ZENGİN H., TÜREN Y., TURAN M. E. , SUN Y., AHLATCI H.
24th International Conference on Metallurgy and Materials, 3 - 05 Haziran 2015
- XLVIII. **Mantarı Sertleştirilmiş Raylarda Hızlandırılmış Soğutma Süresinin Mekanik Özelliklere Etkisi**
ÖZÇELİK S., TURAN M. E. , KÜÇÜK E., TOZLU İ., HÜSEM F., KELESOĞLU E., AHLATCI H., SUN Y.
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- XLIX. **EFFECTS OF BISMUTH (BI) ADDITIONS ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF AZ91 ALLOY**
ELEN L., ZENGİN H., TÜREN Y., TURAN M. E. , SUN Y., AHLATCI H.
24th International Conference on Metallurgy and Materials, Brno, Çek Cumhuriyeti, 3 - 05 Haziran 2015, ss.1124-1128
- L. **RESIDUAL STRESS MEASUREMENT IN RAILS BY DESTRUCTIVE AND NON DESTRUCTIVE METHOD**
TURAN M. E. , ÖZÇELİK S., ZENGİN H., AHLATCI H., TÜREN Y., Tozlu I., SUN Y.
24th International Conference on Metallurgy and Materials, Brno, Çek Cumhuriyeti, 3 - 05 Haziran 2015, ss.465-469

- LI. **The Influence of The Cooling Rate on Residual Stress of 1050 Steel**
TURAN M. E. , ZENGİN H., SUN Y.
22nd International Conference on Materials and Technology, 22 - 24 Ekim 2014
- LII. **The Influence of Cooling Rate On Residual Stress of AISI 1050 Steels**
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Desteklenen Projeler

SUN Y., TURAN M. E. , Yükseköğretim Kurumları Destekli Proje, Magnezyum matrisli nanopartikül takviyeli kompozit malzemelerin toz metalurjisi yöntemiyle üretilmesi ve karakterizasyonu, 2017 - Devam Ediyor

TURAN M. E. , Yükseköğretim Kurumları Destekli Proje, Grafen nanopartikül takviyesinin alüminyumun yüksek sıcaklık mekanik özelliklerine etkisi, 2018 - 2019

TURAN M. E. , Yükseköğretim Kurumları Destekli Proje, Wear Behaviours of B4C and SiC Particle Reinforced AZ91 Magnesium Matrix Metal Composites Produced by Pressure Infiltration Method, 2016 - 2016

Atıflar

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