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Education Information

Doctorate, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Metalurji Mühendisliği (Dr), Turkey 2000 - 2007

Postgraduate, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Metalurji Mühendisliği (YI) (Tezli), Turkey 1997 - 2000

Undergraduate, Istanbul Technical University, Kimya-Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 1992 - 1996

Dissertations

Doctorate, Demir aluminatların borlanması ve aşınma özelliklerinin belirlenmesi, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Metalurji Mühendisliği (Dr), 2007

Postgraduate, Vakumda ergitme yolu ile bazı düzenli metaller arası bileşiklerin üretimi, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Metalurji Mühendisliği (YI) (Tezli), 2000

Research Areas

Tribology, Welding Methods, Composites

Academic Titles / Tasks

Associate Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, METALURJİ VE MALZEME MÜHENDİSLİĞİ BÖLÜMÜ, 2019 - Continues

Assistant Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, METALURJİ VE MALZEME MÜHENDİSLİĞİ BÖLÜMÜ, 2008 - 2019

Research Assistant, Eskisehir Osmangazi University, Metalurji Enstitüsü, Met.Enst.Md.Lüğü, 1997 - 2008

Academic and Administrative Experience

Deputy Head of Department, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, Metalurji Ve Malzeme Mühendisliği Bölümü, 2019 - Continues

Assistant Director of the Institute, Eskisehir Osmangazi University, Metalurji Enstitüsü, 2015 - 2018

Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, Metalurji Ve Malzeme Mühendisliği Bölümü, 2013 - 2015

Courses

MALZEMELERDE SÜRTÜNME VE AŞINMA, Postgraduate, 2016 - 2017

NANOKOMPOZİTLER, Doctorate, 2016 - 2017

TOZ METALURJİSİ, Undergraduate, 2016 - 2017

PLASTİK ŞEKİL VERME, Undergraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis of N-Doped Graphene Photo-Catalyst for Photo-Assisted Charging of Li-Ion Oxygen Battery**
Kaçar N., LÖKÇÜ E., ÇAYIRLI M., ÖZDEN R. C., COŞKUN Ş., TOPARLI Ç., ÇELİKÜREK İ., ANIK M.
Global Challenges, vol.8, no.1, 2024 (SCI-Expanded)
- II. **EFFECTS OF COMPACTING PRESSURE AND SINTERING TEMPERATURE ON THE PROPERTIES OF HIGHLY POROUS PURE ALUMINUM PRODUCED WITH BORIC ACID (H₃BO₃)**
Korpe N., Dürger N. B., Dur D., ÇELİKÜREK İ.
POWDER METALLURGY AND METAL CERAMICS, vol.59, no.11-12, pp.661-671, 2021 (SCI-Expanded)
- III. **The Microstructure and Mechanical Properties of Friction Welded Cast Ni₃Al Intermetallic Alloy**
Celikyurek İ., BAKSAN B., TORUN O., Arici G., Ozcan A.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.71, no.3, pp.775-779, 2018 (SCI-Expanded)
- IV. **Salt Bath Nitriding of Fe₃Al Based Intermetallic Compound**
Celikyurek İ.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.70, no.5, pp.1209-1214, 2017 (SCI-Expanded)
- V. **Dry sliding friction and wear behavior of bronze matrix composites reinforced with Ni₃Al particles: Comparison with conventional brake lining**
ÇELİKÜREK İ., Bicer A.
INTERNATIONAL JOURNAL OF MATERIALS RESEARCH, vol.107, no.9, pp.835-841, 2016 (SCI-Expanded)
- VI. **Microstructure and strength of friction-welded Fe-28Al and 316 L stainless steel**
Celikyurek İ., Torun O., BAKSAN B.
MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING, vol.528, pp.8530-8536, 2011 (SCI-Expanded)
- VII. **Microstructure, Properties and Wear Behaviors of (Ni₃Al)_p Reinforced Cu Matrix Composites**
Celikyurek İ., Korpe N., Olcer T., Gurler R.
JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY, no.10, pp.937-943, 2011 (SCI-Expanded)
- VIII. **Friction welding of cast Fe-28Al alloy**
Torun O., Celikyurek İ., BAKSAN B.
INTERMETALLICS, vol.19, no.7, pp.1076-1079, 2011 (SCI-Expanded)
- IX. **Boriding of diffusion bonded joints of pure nickel to commercially pure titanium**
Torun O., Celikyurek İ.
MATERIALS & DESIGN, vol.30, no.5, pp.1830-1834, 2009 (SCI-Expanded)
- X. **Microstructure and strength of diffusion-bonded joint between nickel aluminide Ni₇₅Al₂₅ and AISI 316 L stainless steel using a nickel interlayer**
Torun O., Celikyurek İ.

KOVOVE MATERIALY-METALLIC MATERIALS, vol.47, no.4, pp.263-267, 2009 (SCI-Expanded)

- XI. **Diffusion bonding of AZ91 using a silver interlayer**
Torun O., Karabulut A., BAKSAN B., Celikyurek İ.
MATERIALS & DESIGN, vol.29, no.10, pp.2043-2046, 2008 (SCI-Expanded)
- XII. **Diffusion bonding of iron aluminide Fe(72)Al(28) using a copper interlayer**
Torun O., Celikyurek İ., Gurler R.
MATERIALS CHARACTERIZATION, vol.59, no.7, pp.852-856, 2008 (SCI-Expanded)
- XIII. **Diffusion bonding of nickel aluminide Ni75Al25 using a pure nickel interlayer**
Torun O., Celikyurek İ.
INTERMETALLICS, vol.16, no.3, pp.406-409, 2008 (SCI-Expanded)
- XIV. **Boronizing of iron aluminide Fe72Al28**
Celikyurek İ., BAKSAN B., Torun O., Gurler R.
INTERMETALLICS, vol.14, no.2, pp.136-141, 2006 (SCI-Expanded)
- XV. **Effect of the eutectic phase mixture on the anodic behavior of alloy AZ91**
Anik M., Avci P., Tanverdi A., Celikyurek İ., BAKSAN B., Gurler R.
MATERIALS & DESIGN, vol.27, no.5, pp.347-355, 2006 (SCI-Expanded)
- XVI. **Diffusion bonding of iron aluminide Fe72Al28 using a pure iron interlayer**
Torun O., Gurler R., BAKSAN B., Celikyurek İ.
INTERMETALLICS, vol.13, no.8, pp.801-804, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Determination of waste crushed baked clay aggregate concrete with granular composite material preparations**
ŞAMDAN F., ÇELİKYÜREK İ., CANBAZ M.
Challenge Journal of Concrete Research Letters, vol.15, no.4, pp.112-119, 2024 (Scopus)
- II. **HIGH-TEMPERATURE MECHANICAL BEHAVIOURS OF IRON ALUMINIDES WITH YTTRIUM ADDITION**
ÖZTÜRK KÖRPE N., ÇELİKYÜREK İ., GÜRLER R.
Journal of International Scientific Publications, vol.17, pp.27-33, 2023 (Peer-Reviewed Journal)
- III. **Investigation of the Effect of Some Factors on Resistance Spot Welding of DKP Steel Using Response Surface Method**
TAŞDEMİR A., BAKSAN B., ÇELİKYÜREK İ.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), vol.16, pp.145-152, 2021 (Peer-Reviewed Journal)
- IV. **Effect of Secondary Aging of Copper-Chromium Alloys to Electrical Conductivity**
BAKSAN B., ÇELİKYÜREK İ., TAŞDEMİR A.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), vol.16, pp.63-68, 2021 (Peer-Reviewed Journal)
- V. **Resistance Spot Weld Ability of Mild Steel Coated with Zn, Galvan and ZA12**
ÇELİKYÜREK İ., TAŞDEMİR A., BAKSAN B.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), vol.16, pp.57-62, 2021 (Peer-Reviewed Journal)
- VI. **Effect of Secondary Aging of AA7075 Aluminum Alloy to Hardness**
BAKSAN B., TAŞDEMİR A., ÇELİKYÜREK İ.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), vol.16, pp.20-25, 2021 (Peer-Reviewed Journal)
- VII. **Effect of Alloying on the Microstructure and Strength of the Ni Bronzes**
ÇELİKYÜREK İ., BAKSAN B., TAŞDEMİR A.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), vol.16, pp.8-13, 2021 (Peer-Reviewed Journal)

- VIII. **Determination ARIMA Model for the Discharge Acid Concentration in Pressure Oxidation Autoclave at A Gold Processing Plant**
TAŞDEMİR A., ÇELİKYÜREK İ., BAKSAN B.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), vol.16, pp.39-46, 2021 (Peer-Reviewed Journal)
- IX. **Microstructural Evolution and Mechanical Properties of Mg Added ZA-12 Alloy**
ÇELİKYÜREK İ., BAKSAN B., TORUN O.
The Eurasia Proceedings of Science, Technology, Engineering Mathematics (EPSTEM), vol.11, pp.57-63, 2020 (Peer-Reviewed Journal)
- X. **Resistance Spot Welding of ZAMAK 12**
TORUN O., BAKSAN B., ÇELİKYÜREK İ.
The Eurasia Proceedings of Science, Technology, Engineering Mathematics (EPSTEM), vol.11, pp.9-13, 2020 (Peer-Reviewed Journal)
- XI. **Fe3Al ve Ti6Al4V alaşımlarının difüzyon kaynağı**
TORUN O., ÇELİKYÜREK İ.
Eskişehir Osmangazi Üniversitesi Mühendislik ve mimarlık fakültesi dergisi, vol.28, no.3, pp.235-240, 2020 (Peer-Reviewed Journal)
- XII. **Boriding of Ni40Al**
TORUN O., ÇELİKYÜREK İ., BAKSAN B.
The Eurasia Proceedings of Science, Technology, Engineering Mathematics (EPSTEM), vol.11, pp.64-68, 2020 (Peer-Reviewed Journal)
- XIII. **Secondary Aging Effects in Copper - Chromium Alloy**
BAKSAN B., ÇELİKYÜREK İ., TORUN O.
The Eurasia Proceedings of Science, Technology, Engineering Mathematics (EPSTEM), vol.11, pp.155-159, 2020 (Peer-Reviewed Journal)
- XIV. **The Effect of Si Addition on the Microstructure and Mechanical Properties of ZA-12 Alloy**
ÇELİKYÜREK İ., TORUN O., BAKSAN B.
The Eurasia Proceedings of Science, Technology, Engineering Mathematics (EPSTEM), vol.11, pp.168-174, 2020 (Peer-Reviewed Journal)
- XV. **Influence of Intermittent Aging in AA7075 Aluminum Alloy**
BAKSAN B., ÇELİKYÜREK İ., TORUN O.
The Eurasia Proceedings of Science, Technology, Engineering Mathematics (EPSTEM), vol.11, pp.141-145, 2020 (Peer-Reviewed Journal)
- XVI. **AISI 316 L Paslanmaz Çelik ile Fe60Al40 Metaller arası Bileşiğin Sürtünme Kaynağı ile Birleştirilmesi**
ÇELİKYÜREK İ., TORUN O., BAKSAN B., Özcan A.
El-Cezeri Fen ve Mühendislik Dergisi, vol.7, no.1, pp.267-274, 2020 (Scopus)
- XVII. **EFFECT OF SECONDARY AGING of EN AC 43200 ALUMINUM ALLOY to MECHANICAL PROPERTIES**
BAKSAN B., ÇELİKYÜREK İ., Kılıç Y.
The International Journal of Materials and Engineering Technology, vol.3, no.1, pp.16-20, 2020 (Peer-Reviewed Journal)
- XVIII. **The Effect of the Friction Pressure on the Friction Welding of AZ91 and Fe3Al Alloys**
TORUN O., ÇELİKYÜREK İ.
The Eurasia Proceedings of Science Technology Engineering and Mathematics, vol.7, pp.175-180, 2019 (Scopus)
- XIX. **Effect of Stirring on the Microstructure and Mechanical Properties of ZAMAK-12 Alloy**
ÇELİKYÜREK İ., TORUN O.
The Eurasia Proceedings of Science Technology Engineering and Mathematics, vol.7, pp.136-140, 2019 (Scopus)
- XX. **Ni75Al25 alaşımı ve 316 L paslanmaz çeliğin bakır ara tabaka kullanılarak difüzyon kaynağı**
TORUN O., ÇELİKYÜREK İ., BAKSAN B.
El-Cezeri Fen ve Mühendislik Dergisi, vol.6, no.3, pp.517-524, 2019 (Peer-Reviewed Journal)
- XXI. **17-4 PH Paslanmaz Çelik ve Al 7075 Alaşımının Sürtünme Kaynağı**
TORUN O., ÇELİKYÜREK İ., BAKSAN B.

El-Cezeri Fen ve Mühendislik Dergisi, vol.4, no.2, pp.201-208, 2017 (Scopus)

- XXII. **Dry sliding friction and wear behaviours of bronze matrix composites reinforced with Ni3Al particles**
ÇELİKYÜREK İ., Bicer A.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.23, no.1, pp.40-44, 2017 (ESCI)
- XXIII. **Effects of welding parameters on microstructure and mechanical properties of friction welded AZ91 Mg alloy**
ÇELİKYÜREK İ., Önal E.
Anadolu University Journal of Science and Technology-A Applied Sciences and Engineering, vol.17, no.3, pp.563-571, 2016 (Peer-Reviewed Journal)
- XXIV. **Tungsten ilavesinin Fe3Al alaşımının Oksitlenme sülfitleme özelliklerine etkisi**
ÖZTÜRK KÖRPE N., ÇELİKYÜREK İ., GÜRLER R.
Eskişehir Osmangazi Üniversitesi Müh. Mim. Fak. Dergisi, vol.24, no.2, pp.11-21, 2011 (Peer-Reviewed Journal)
- XXV. **Bazı Düzenli Metallerarası bileşiklerin Vakumda Ergitme şartlarının belirlenmesi**
ÇELİKYÜREK İ., GÜRLER R.
Dumlupınar Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.1, no.14, pp.107-112, 2007 (Peer-Reviewed Journal)
- XXVI. **Otomotiv Endüstrisinde Magnezyum**
GÜRLER R., ÖZTÜRK KÖRPE N., BAKSAN B., ÇELİKYÜREK İ.
Metalurji Malzeme, vol.1, no.1, pp.88-92, 2005 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The effect of Si Addition on the Microstructure and Mechanical Properties of ZA-12 Alloy**
Çelikyürek İ., Torun O., Baksan B.
Icontes2020: International conference on Technology, Engineering and Science, Antalya, Turkey, 29 October - 01 November 2020, pp.168-174
- II. **Production and Characterization of 2024 Alloy Foam Materials Using Boron Product**
ÖZTÜRK KÖRPE N., ÇELİKYÜREK İ., KİREMİTÇİ S., DUR D.
4th INTERNATIONAL CONFERENCE ON MATERIALS SCIENCE AND TECHNOLOGY, Ankara, Turkey, 18 - 20 October 2019, pp.559-563
- III. **The effect of the friction pressure on the friction welding of AZ91 and Fe3Al alloy**
TORUN O., ÇELİKYÜREK İ.
International conference on technology, engineering and science (Icontes), Antalya, Turkey, 26 - 29 October 2019, pp.36
- IV. **Effect of stirring on the microstructure and mechanical properties of ZA12 alloy**
ÇELİKYÜREK İ., TORUN O.
International conference on technology, engineering and science (icontes), Antalya, Turkey, 26 - 29 October 2019, pp.20
- V. **Effect of Secondary Aging of EN AC 43200 Aluminum Alloy on Mechanical Properties**
BAKSAN B., ÇELİKYÜREK İ., KILIÇ Y.
TICMET'19, The International Conference of Materials and Engineering Technology, Gaziantep, Turkey, 10 - 12 October 2019, pp.600-605
- VI. **Mechanical and Dry Sliding Friction and Wear Properties of Zinc Alloy ZA12 Modified with Pb**
ÇELİKYÜREK İ.
4Th International Conference on Engineering Technology and Applied Sciences, Kiev, Ukraine, 24 - 28 April 2019, pp.394-398
- VII. **An Investigation of Weld ability of Zinc Alloy ZA12 Using Friction Welding Process**
ÇELİKYÜREK İ.
4th International Conference on Engineering Technology and Applied Sciences, Kiev, Ukraine, 24 - 28 April 2019,

pp.172-175

- VIII. **Cu-Cr Alařımlarında Yařlandırma İřlemine Düşük Sıcaklık Yeniden Kristalleřme Tavlamařının Etkisi**
BAKSAN B., ÇELİKÜREK İ., TORUN O.
V. Uluslararası Multidisipliner Çalıřmaları Sempozyumu (ISMS), Ankara, Turkey, 16 - 17 November 2018, vol.2, pp.375-384
- IX. **Fe3Al Alařımının Nokta Direnç Kaynağında Kaynak Süresinin Etkisi**
TORUN O., ÇELİKÜREK İ., Alptuğ Ş.
V. Uluslararası Multidisipliner Çalıřmaları Sempozyumu (ISMS), Ankara, Turkey, 16 - 17 November 2018, vol.2, pp.957-963
- X. **Difüzyon Kaynağı ile Birleřtirilmiř Küresel Grafitli Dökme Demir ile Saf Bakır'ın Mikroyapı ve Mukavemeti**
ÇELİKÜREK İ., BAKSAN B., TORUN O.
V. Uluslararası Multidisipliner Çalıřmaları Sempozyumu (ISMS), Ankara, Turkey, 16 - 17 November 2018, vol.2, pp.979-986
- XI. **Fe25Al25Ti Alařımının Ařınma Davranıřları**
TORUN O., ÇELİKÜREK İ., BAKSAN B.
V. Uluslararası Multidisipliner Çalıřmaları Sempozyumu (ISMS), Ankara, Turkey, 16 - 17 November 2018, vol.2, pp.964-970
- XII. **Fe3Al ve Ti6Al4V Alařımının Bakır Ara Tabaka Kullanılarak Difüzyon Kaynağı**
TORUN O., ÇELİKÜREK İ.
V. Uluslararası Multidisipliner Çalıřmaları Sempozyumu (ISMS), Ankara, Turkey, 16 - 17 November 2018, vol.2, pp.971-978
- XIII. **Microstructure and Strength of Diffusion Bonded Nodular Cast Iron to Pure Copper**
ÇELİKÜREK İ., BAKSAN B., TORUN O., TAŐDEMİR A.
2nd International Conference on Innovations in Natural Science and Engineering, Kiev, Ukraine, 7 - 10 September 2018, pp.42-46
- XIV. **Friction Welding of Fe3Al and AZ91 Alloys**
TORUN O., BAKSAN B., ÇELİKÜREK İ., TAŐDEMİR A.
2nd International Conference on Innovations in Natural Science and Engineering, Kiev, Ukraine, 7 - 10 September 2018, pp.174-177
- XV. **Determination of Parameters Affecting Hardness of AA7075 Aluminum Alloy by Response Surface Method**
BAKSAN B., ÇELİKÜREK İ., TAŐDEMİR A., TORUN O.
4th International Conference on Engineering and Natural Science ICENS 2018, Kiev, Ukraine, 2 - 06 May 2018, pp.980-987
- XVI. **Resistance Spot Welding of Fe3Al Alloy**
TORUN O., Alptuğ Ş., ÇELİKÜREK İ.
4th International Conference on Engineering and Natural Sciences ICENS 2018, Kiev, Ukraine, 2 May - 06 June 2018, pp.988-992
- XVII. **Diffusion welding of Nodular Cast Iron to Copper**
ÇELİKÜREK İ., TORUN O., BAKSAN B.
4th International Conference on Engineering and Natural Sciences ICENS 2018, Kiev, Ukraine, 2 - 06 May 2018, pp.974-979
- XVIII. **THE EFFECT OF THE FRICTION PRESSURE ON THE FRICTION WELDING OF AZ91 AND Ti6Al4V ALLOYS**
TORUN O., ÇELİKÜREK İ., BAKSAN B.
International Conference on Technology, Engineering and Science (IconTES), 26 - 29 October 2017, pp.101
- XIX. **The mechanical properties of Fe50Al35Ti15 alloys produced by casting and spark plasma sintering method**
AYBAR K., TORUN O., ÇELİKÜREK İ.
International Conference on Technology, Engineering and Science, 26 - 29 October 2017
- XX. **Investigation of cold work on recrystallization temperature of cold worked pure copper by**

differential scanning calorimetry

BAKSAN B., ÇELİKÜREK İ., TORUN O.

3. International Conference on Engineering and natural Sciences ICENS, Budapest, Hungary, 3 - 07 May 2017

- XXI. **Microstructure and mechanical properties of friction welded AZ91 magnesium alloy to commercially pure copper**
TORUN O., BAKSAN B., ÇELİKÜREK İ.
3. International Conference on Engineering and natural Sciences ICENS, Budapest, Hungary, 3 - 07 May 2017
- XXII. **Mechanical properties and microstructure of diffusion bonded GGG60 cast iron to commercially pure copper**
ÇELİKÜREK İ., TORUN O., BAKSAN B.
3. International Conference on Engineering and natural Sciences ICENS, Budapest, Hungary, 3 - 07 May 2017
- XXIII. **Sliding friction and wear behavior of bimetal bronze-cast iron pairs**
ÇELİKÜREK İ., BAKSAN B., TORUN O.
3. International Conference on Engineering and natural Sciences ICENS, Budapest, Hungary, 3 - 07 May 2017
- XXIV. **Microwave welding of industrial polymer polyoxymethylene (POM)**
BAKSAN B., TORUN O., ÇELİKÜREK İ.
3. International Conference on Engineering and natural Sciences ICENS, Budapest, Hungary, 3 - 07 May 2017
- XXV. **Friction welding of AZ91 magnesium and Ti6Al4V alloys**
TORUN O., ÇELİKÜREK İ., BAKSAN B.
3. International Conference on Engineering and natural Sciences ICENS, Budapest, Hungary, 3 - 07 May 2017
- XXVI. **The effects of the constituents on the mechanical properties of the polyester matrix composites reinforced with calcite particulates**
ÇELİKÜREK İ.
International science and technology conference, ISTEK 2016, Viyana, Austria, 13 - 15 July 2016, pp.1003-1006
- XXVII. **Friction welding of the AISI 316 stainless steel to commercially pure copper**
ÇELİKÜREK İ.
International science and technology conference, ISTEK 2016, Viyana, Austria, 13 - 15 July 2016, pp.430
- XXVIII. **TİZAL METALLERARASI BİLEŞİĞİNİN SÜRTÜNME KAYNAĞI**
BAKSAN B., ÇELİKÜREK İ., TORUN O., ÖZCAN A.
ICWET'16, 4.ULUSLARARASI KAYNAK TEKNOLOJİLERİ KONFERANSI VE SERGİSİ, Gaziantep, Turkey, 11 - 13 May 2016, vol.2, pp.1428-1436
- XXIX. **AZ91 Mg Alaşımının Sürtünme Kaynağı**
ÇELİKÜREK İ., Önal E.
Uluslararası Kaynak Teknolojileri Konferansı ve Sergisi, Gaziantep, Turkey, 11 - 13 May 2016, vol.2, pp.1370-1376
- XXX. **17 4 PH paslanmaz çelik ve Al 7075 alaşımının sürtünme kaynağı ile birleştirilmesi**
TORUN O., ÇELİKÜREK İ., BAKSAN B.
Uluslararası Kaynak Teknolojileri Konferansı ve Sergisi, Gaziantep, Turkey, 11 - 13 May 2016, vol.2, pp.1361-1369
- XXXI. **Ni3Al PARTİKÜLLERİ İLE PEKİŞTİRİLMİŞ BRONZ MATRİSLİ FREN BALATA MALZEMELERİ**
aytaç b., ÇELİKÜREK İ.
ULUSLAR ARASI KATILIMLI III. EGE KOMPOZİT MALZEMELER SEMPOZYUMU, Aydın, Turkey, 5 - 07 November 2015, pp.423-429
- XXXII. **THE FRICTION WELDING OF FEAL INTERMETALLIC ALLOY AND AISI 316 STAINLESS STEEL**
ÇELİKÜREK İ., TORUN O., BAKSAN B., ÖZCAN A.
International Conference on Engineering and Natural Sciences, Üsküp, Macedonia, 15 - 19 May 2015, pp.743-748
- XXXIII. **Salt Bath Nitriding of Fe72Al28 Intermetallic Alloy**
ÇELİKÜREK İ.
International Conference on Engineering and Natural Sciences, Üsküp, Macedonia, 15 - 19 May 2015, pp.725-729
- XXXIV. **Production of Aluminum Foam Using Boric Acid as Foaming Agent by Space Holder Technique Processing Parameters**
ÖZTÜRK KÖRPE N., ÇELİKÜREK İ., HATIRNAZ N. B., DUR D.
Euro PM 2014 congress and exhibition, Salzburg, Austria, 21 - 24 September 2014

- XXXV. **A study of fabricating copper foams using boric acid as foaming agent**
HATIRNAZ N. B., ÖZTÜRK KÖRPE N., ÇELİKYÜREK İ., dur d.
Euro PM2014 congress and exhibition, Salzburg, Austria, 21 - 24 September 2014
- XXXVI. **The mechanical properties of Al Mg alloy foams produced by powder sintering using boric acid H₃BO₃ as foaming agent**
ÇELİKYÜREK İ., ÖZTÜRK KÖRPE N., HATIRNAZ N. B., dur d.
Euro PM2014 congress and exhibition, Salzburg, Austria, 21 September 2014
- XXXVII. **Creep of Fe₃Al alloys with addition of Vanadium**
Dobes F., Dymacek P., ÇELİKYÜREK İ., TORUN O.
The Czech-Japanese Workshop on High-Temperature Intermetallics, Brno, Czech Republic, 13 - 16 April 2014
- XXXVIII. **FULLY DENSE FINE GRAINED FeAl BASED INTERMETALLICSPREPARED BY SPARK PLASMA SINTERING METHOD**
Sima V., Cieslar M., ÇELİKYÜREK İ., TORUN O., Chraska T.
The 8. pasific Rim international congress on advances materials and processing, Havai, United States Of America, 01 January 2013
- XXXIX. **Ni₃Al esaslı düzenli metallerarası bileşiğin sürtünme kaynağı ile birleştirilmesi**
ARICI G., özcan a., ÇELİKYÜREK İ., BAKSAN B., TORUN O.
2. Uluslararası Kaynak Teknolojileri Konferansı ve Sergisi, Ankara, Turkey, 23 - 25 May 2012, pp.329-335
- XL. **DIFFUSION BONDING OF NICKEL ALUMINIDE STAINLESS STEEL USING A COPPER INTERLAYER**
ÇELİKYÜREK İ., BAKSAN B., TORUN O.
International science and technology conference-2010, Famagusta, Cyprus (Kktc), 27 - 29 October 2010, pp.218-222
- XLI. **The effect of Al content on the boriding of Ni Al intermetallic compound**
BAKSAN B., TORUN O., ÇELİKYÜREK İ.
International science and technology conference-2010, Famagusta, Cyprus (Kktc), 27 - 29 October 2010, pp.753-757
- XLII. **DRY SLIDING WEAR BEHAVIOURS OF CAST FE₂₈AL AND FE₂₇ 5AL₂₀TI ALLOYS**
TORUN O., ÇELİKYÜREK İ., BAKSAN B.
International science and technology conference-2010, Famagusta, Cyprus (Kktc), 27 - 29 October 2010
- XLIII. **The Sliding Wear Behaviors of Cu Reinforced with Ni₃Al**
ÇELİKYÜREK İ., ÖZTÜRK KÖRPE N., Ölçer T., GÜRLER R.
PM2010 World Congress, Flores, Guatemala, 10 - 14 October 2010, vol.5, pp.195-202
- XLIV. **Physical Properties of Cu Reinforced with Ni₃Al**
ÖZTÜRK KÖRPE N., ÇELİKYÜREK İ., Ölçer T., GÜRLER R.
PM2010 World Congress, Floransa, Italy, 10 - 14 October 2010, vol.5, pp.219-226
- XLV. **Investigation of oxidation sulfidation behaviour of Fe 28Al 0 5 1 5 W alloys**
ÖZTÜRK KÖRPE N., GÜRLER R., ÇELİKYÜREK İ.
5. Discussion Meeting on the Development of Innovative Iron Aluminium Alloys FeAl 2009, Prag, Czech Republic, 21 - 24 September 2009
- XLVI. **Investigation of oxidation behaviour of elektrosark deposited Fe 28Al and Fe 40Al alloys containing 0 1 Y**
GÜRLER R., Yagan M., ÇELİKYÜREK İ., ÖZTÜRK KÖRPE N.
Final conference COST Action 535 Thermodynamics of Alloyed Aluminides (THALU) and 4th Discussion Meeting on the Development of Innovative Iron Aluminium Alloys, Interlaken, Switzerland, 21 - 24 October 2007, pp.26
- XLVII. **Investigation of oxidation behaviours of Fe 20Al 2 5Zr and Fe 20Al 2 5Zr 2Cr containing 0 1 Y**
ÇELİKYÜREK İ., Çolak G., ÖZTÜRK KÖRPE N., GÜRLER R.
Final conference COST Action 535 Thermodynamics of Alloyed Aluminides (THALU) and 4th Discussion Meeting on the Development of Innovative Iron Aluminium Alloys, Interlaken, Switzerland, 21 - 24 October 2007, pp.60
- XLVIII. **Investigation of mechanical properties and oxidation behaviour of Fe 28Al 0 5 1 5 W alloys containing 0 1 Y**
ÖZTÜRK KÖRPE N., ÇELİKYÜREK İ., GÜRLER R.

Final conference COST Action 535 Thermodynamics of Alloyed Aluminides (THALU) and 4th Discussion Meeting on the Development of Innovative Iron Aluminium Alloys, Interlaken, Switzerland, 21 - 24 October 2007, pp.50

- XLIX. **Borlanmış Fe3Al Metaller Arası Bileşiminin Abrasif Aşınma Özelliklerinin Belirlenmesi**
ÇELİKYÜREK İ., TORUN O., GÜRLER R.
13. Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Turkey, 9 - 12 November 2006, pp.58
- L. **Al içeriğinin Fe Al Metallerarası bileşiminin Borlama kinetiğine etkisi**
ÇELİKYÜREK İ., GÜRLER R., TORUN O.
3. Uluslararası bor sempozyumu, Ankara, Turkey, 2 - 04 November 2006, pp.169-173
- LI. **Diffusion Bonding of Fe3Al to Ti6Al4V**
TORUN O., BAKSAN B., ÇELİKYÜREK İ., GÜRLER R.
3. Discussion meeting on the development of innovative Iron Aluminium alloys, Düsseldorf, Germany, 22 - 24 January 2006, pp.67
- LII. **Boronizing of Iron Aluminium Alloys**
ÇELİKYÜREK İ., BAKSAN B., TORUN O., GÜRLER R.
III. Discussion Meeting on the Development of Innovative Iron Aluminium Alloys, Düsseldorf, Germany, 22 - 24 January 2006, pp.27
- LIII. **Diffusion bonding of Iron aluminide Fe60Al40 using pure copper interlayer**
BAKSAN B., TORUN O., ÇELİKYÜREK İ., GÜRLER R.
III. Discussion Meeting on the Development of Innovative Iron Aluminium Alloys, Düsseldorf, Germany, 22 - 24 January 2006, pp.66
- LIV. **Diffusion Bonding of Iron Aluminide Fe60Al40 Using Pure Iron Interlayer**
GÜRLER R., TORUN O., BAKSAN B., ÇELİKYÜREK İ.
III. Discussion Meeting on the Development of Innovative Iron Aluminium Alloys, Düsseldorf, Germany, 22 - 24 January 2006
- LV. **Demir Aluminatın Fe72Al28 borlanması**
ÇELİKYÜREK İ., BAKSAN B., TORUN O., GÜRLER R.
I. Ulusal bor çalıştayı, Ankara, Turkey, 28 - 29 April 2005, pp.169-174
- LVI. **Küresel grafitli dökme demirlerin borlanması**
ÇELİKYÜREK İ., BAKSAN B., GÜRLER R.
2. Uluslararası bor sempozyumu, Eskişehir, Turkey, 23 - 25 September 2004, pp.231-235
- LVII. **Fe3Al Fe74Al26 alaşımının borlanması**
ÖZTÜRK KÖRPE N., Körpe E., BAKSAN B., ÇELİKYÜREK İ., GÜRLER R.
2. Uluslararası bor sempozyumu, Eskişehir, Turkey, 23 - 25 September 2004, pp.243-247
- LVIII. **Ag 5 10 Cd Esaslı Elektrik kontakt malzemelerinin üretimi ve alternatif akım şartlarında incelenmesi**
ÇELİKYÜREK İ., Yagan M., BAKSAN B., GÜRLER R.
OTEKON'04 Otomotiv teknolojileri kongresi, Bursa, Turkey, 21 - 23 June 2004, pp.235-240
- LIX. **Gaz atomizasyonu ile metalik toz üretimi**
BAKSAN B., ÇELİKYÜREK İ., GÜRLER R.
OTEKON'04 Otomotiv teknolojileri kongresi, Bursa, Turkey, 21 - 23 June 2004, pp.221-226
- LX. **Ötektik fazın AZ91 alaşımının anodik davranışına etkisi**
ANIK M., Avcı P., Tanrıverdi A., ÇELİKYÜREK İ., BAKSAN B., GÜRLER R.
I. Ulusal Metalurji ve malzeme günleri, Eskişehir, Turkey, 27 - 28 May 2004, pp.203-208
- LXI. **Sliding Wear Behavior of 3 Silicon Carbide Particle Reinforced Aluminum Magnesium Alloys**
ÇELİKYÜREK İ., BAKSAN B., GÜRLER R.
14. International Conference on Wear of Materials, Washington, Kiribati, 30 March - 03 April 2003
- LXII. **Vakumda ergitme tolu ile bazı düzenli metaller arası bileşiklerin üretimi**
GÜRLER R., ÇELİKYÜREK İ., BAKSAN B.
10. Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Turkey, 24 - 28 May 2000, vol.1, pp.385-392
- LXIII. **Silisyum karbür parçacık takviyeli Alüminyum Magnezyum alaşım matrisli kompozitlerin aşınma karakteristiklerinin belirlenmesi**
GÜRLER R., Mutlu İ., Çiçek H., ÇELİKYÜREK İ.

Supported Projects

GAŞAN H., Kurtuluş Y., ULUTAN M., ÇELİK O. N., ÇELİKÜREK İ., LÖKÇÜ E., ÖZCAN A., Project Supported by Higher Education Institutions, Yüksek-Entropili Alaşım (YEA) Tasarımı Anlayışı İle Üretilen AlCoCrFeMoNi Alaşımının Ti ve V İlavesi ile Aşınma Özelliklerinin İyileştirilmesi, 2014 - 2016

ÇELİKÜREK İ., Project Supported by Higher Education Institutions, Bazı Düzenli İntermetalik Bileşiklerin Sürtünme Kaynağı ile Birleştirilebilirliklerinin Araştırılması, 2011 - 2013

Patent

Çelikyürek İ., YÜKSEK PERFORMANS VE DÜŞÜK YAKIT TÜKETİMİ SAĞLAYAN TASARIMA SAHİP BİR MOTOR, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Registration Number: TR 218 17377 B , Standard Registration, 2023

Cantaş C., Çelikyürek İ., Baksan B., Geri Dönüştürülebilir İnorganik Maça Malzemesi, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: TR 2018 19709 B , Standard Registration, 2023

Metrics

Publication: 117

Citation (WoS): 280

Citation (Scopus): 319

H-Index (WoS): 9

H-Index (Scopus): 9

Non Academic Experience

Charles University