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Personal Information

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Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (Dr), Turkey 1987 - 1994

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (YI) (Tezli), Turkey 1985 - 1987

Undergraduate, Istanbul Technical University, Kimya-Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 1978 - 1982

Dissertations

Doctorate, Çeşitli oranlardaki Al-Cu-B alaşımlarında intermetalik faz tane büyüklüğünün mekanik özelliklere etkisi, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (Dr), 1994

Postgraduate, Karbürize Edilmiş Parçalarda Yorulma Davranışına Boyut Etkisinin Genelleştirilmesi, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (YI) (Tezli), 1987

Research Areas

Tribology, Welding Methods, Material, Plastic Forming Methods

Academic Titles / Tasks

Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, MAKİNA MÜHENDİSLİĞİ, 2005 - Continues

Associate Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, MAKİNA MÜHENDİSLİĞİ, 1999 - 2005

Assistant Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, MAKİNA MÜHENDİSLİĞİ, 1995 - 1999

Academic and Administrative Experience

Director of The Institution, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, 2016 - 2019

Bursa Uludağ University, İznik Meslek Yüksekokulu, 2008 - 2011

Assistant Director of the Institute, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, 2002 - 2008

Bursa Uludağ University, Mühendislik-Mimarlık Fakültesi, 2000 - 2000

Advancing Research

- BAYRAM A., Effect of electroless Ni-B, Ni-P/Ni-B VE Ni-B/Ni-P coatings on surface properties of AISI 316L stainless steel, Postgraduate, F.Mindivan(Student), 2021
- BAYRAM A., Investigation of the tensile properties of the USIBOR 1500 steel depending on austenitization times, Postgraduate, T.Baburoğlu(Student), 2020
- BAYRAM A., Investigation of the effect of laser cladding parameters in automotive industry, Postgraduate, A.Karşı(Student), 2019
- BAYRAM A., Investigation of mechanical and corrosion properties of plasma nitrided 17-4 ph stainless steel, Postgraduate, G.Rabia(Student), 2019
- BAYRAM A., manufacturing of vehicle seat track with roll forming process and simulation by using finite element method, Postgraduate, S.Doğan(Student), 2018
- BAYRAM A., The investigation of the relations between microstructure and mechanical properties of welded twip steels, Doctorate, M.TUTAR(Student), 2017
- BAYRAM A., Improving springback prediction accuracy of aluminium based sheet metals in automotive industry, Postgraduate, T.KARAGÖZ(Student), 2017
- BAYRAM A., Experimental investigation of springback problem in dual phase steels, Doctorate, Y.UMUR(Student), 2016
- BAYRAM A., Investigating mechanical properties of dual phase steels depend on deformation speed, Postgraduate, G.TOKGÖZ(Student), 2015
- YAZICI M., BAYRAM A., An investigation on parameters of adhesion between metal-rubber material couple in post-bonding application, Postgraduate, A.KAMİL(Student), 2013
- BAYRAM A., Plastic mold design for a selected part, Postgraduate, İ.İDRİZOĞLU(Student), 2011
- BAYRAM A., Investigation of wear behavior of plasma nitrided, PVD coated and duplex treated hot work tool steels, Postgraduate, M.TUTAR(Student), 2011
- BAYRAM A., The determination of wear behaviour of plasma nitrided steels in different conditions, Postgraduate, Ş.TOPÇU(Student), 2010
- BAYRAM A., Fatigue behaviors of friction stir welded 3000 series aluminium alloys, Postgraduate, M.TAHİR(Student), 2010
- BAYRAM A., Investigation of bending fatigue behaviour 2000 series aluminium alloy which is welded with friction stir welding, Postgraduate, T.SAYACA(Student), 2010
- BAYRAM A., Investigation of the welding parameters in 5000 series aluminium alloy which is joint by friction stir welding, Doctorate, E.MALYER(Student), 2010
- BAYRAM A., Mechanical and microstructural characterization of ion implanted and plasma nitrided cold work tool steels, Doctorate, E.ESER(Student), 2009
- BAYRAM A., The investigation of mechanical properties and corrosion behaviours of age hardenable aluminum alloys joined by friction stir welding, Doctorate, H.AYDIN(Student), 2008
- BAYRAM A., Selection of new material and determination of geometry for hysteresis washer which use in the clutches, Postgraduate, S.SAYACA(Student), 2008
- BAYRAM A., The research of the stamps, that are produced from D2 steel and plasma nitrided in different conditions, wearing behaviour, Postgraduate, M.HAYRİ(Student), 2007
- BAYRAM A., Investigation of property changes of a selected Al-Mg-Si alloy (AlMgSi0.5; etial 60) by heat treatments, Postgraduate, M.ŞENDENİZ(Student), 2006
- BAYRAM A., Investigation of mechanical and machinability properties of ductile irons which have different matrix structure, Postgraduate, K.KAAN(Student), 2006
- BAYRAM A., Investigation of the effect of P91 steel on different mechanical properties and welding of different metals, Postgraduate, A.Volkan(Student), 2004
- BAYRAM A., P91 çeliği ile farklı metallerin kaynağı ve ısıl işlemleri-mekanik özellikleri, Postgraduate, V.UYGUN(Student), 2004
- BAYRAM A., Effect on fracture toughness of notch geometry at aluminium alloys with different Cu ratios, Postgraduate, R.HAYDAR(Student), 2003
- BAYRAM A., The effect of dispersoids on the mechanical properties of Al-alloys, Postgraduate, D.DEĞİRMENCİ(Student), 2001
- BAYRAM A., Material of mechanics properties influences on design and analysis, Postgraduate, E.ATAY(Student), 2001

BAYRAM A., The Investigation of deformation behavior for deep drawing blanks, Postgraduate, İALICI(Student), 2001
BAYRAM A., Analysis of stress-strain curves on dual phase steels, Postgraduate, A.DURMUŞ(Student), 2000
BAYRAM A., Effect of morphology of second-phase martensite on mechanical properties of dual phase steels, Postgraduate, M.ULA(Student), 1999

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimization of Selective Laser Melting Process for Maraging 300 Steel: Investigation the Impact of Parameters on Porosity, Microstructure, and Mechanical Properties**
Arslan O., Ari A., BAYRAM A., Konukcu T.
PHYSICS OF METALS AND METALLOGRAPHY, 2024 (SCI-Expanded)
- II. **The Electroless Monolayer and Duplex Ni-B and Ni-P Coatings for 316L Stainless Steel in Synergistic Combination of Mechanical (Wear) and Chemical (Corrosion) Processes**
MİNDİVAN F., MİNDİVAN H., BAYRAM A.
Advanced Engineering Materials, vol.25, no.10, 2023 (SCI-Expanded)
- III. **Single Track Geometry Prediction of Laser Metal Deposited 316L-Si Via Multi-Physics Modelling and Regression Analysis with Experimental Validation**
Biyikli M., Karagoz T., Calli M., Muslim T., ÖZALP A. A., BAYRAM A.
METALS AND MATERIALS INTERNATIONAL, vol.29, no.3, pp.807-820, 2023 (SCI-Expanded)
- IV. **Comparative evaluation of mechanical properties of short aramid fiber on thermoplastic polymers**
Ari A., BAYRAM A., KARAHAN M., Arslan O.
MATERIALS SCIENCE-POLAND, vol.41, no.1, pp.161-176, 2023 (SCI-Expanded)
- V. **Comparison of the mechanical properties of chopped glass, carbon, and aramid fiber reinforced polypropylene**
Ari A., BAYRAM A., KARAHAN M., Karagoz S.
POLYMERS & POLYMER COMPOSITES, vol.30, 2022 (SCI-Expanded)
- VI. **Effect of tool pin profile on the hook geometry and mechanical properties of a friction stir spot welded AA6082-T6 aluminum alloy**
AYDIN H., TUNÇEL O., Tutar M., BAYRAM A.
TRANSACTIONS OF THE CANADIAN SOCIETY FOR MECHANICAL ENGINEERING, vol.45, no.2, pp.233-248, 2021 (SCI-Expanded)
- VII. **Springback/Springforward Behaviour of DP Steels Used in the Automotive Industry**
UMUR Y., AYDIN H., YİĞİT K., BAYRAM A.
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.27, no.1, pp.243-250, 2020 (SCI-Expanded)
- VIII. **Effect of welding current on microstructure and mechanical properties of 15% deformed TWIP steel joined with electrical resistance spot welding**
AYDIN H., Tutar M., Davut K., BAYRAM A.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.2, pp.803-817, 2020 (SCI-Expanded)
- IX. **Strain Effect on the Microstructure, Mechanical Properties and Fracture Characteristics of a TWIP Steel Sheet**
AYDIN H., Tutar M., BAYRAM A.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.71, no.7, pp.1669-1680, 2018 (SCI-Expanded)
- X. **Effect of Weld Current on the Microstructure and Mechanical Properties of a Resistance Spot-Welded TWIP Steel Sheet**
Tutar M., AYDIN H., BAYRAM A.
METALS, vol.7, no.12, 2017 (SCI-Expanded)
- XI. **The optimisation of process parameters for friction stir spot-welded AA3003-H12 aluminium alloy using a Taguchi orthogonal array**
Tutar M., AYDIN H., Yuce C., YAVUZ N., BAYRAM A.

- MATERIALS & DESIGN, vol.63, pp.789-797, 2014 (SCI-Expanded)
- XII. **The hydro-abrasive erosion wear behavior of duplex-treated surfaces of AISI H13 tool steel**
Tutar M., AYDIN H., DURMUŞ A., BAYRAM A., YİĞİT K.
SCIENCE CHINA-TECHNOLOGICAL SCIENCES, vol.57, no.5, pp.1040-1051, 2014 (SCI-Expanded)
- XIII. **Effect of Rotational Speed and Dwell Time on Mechanical Properties of Dissimilar AA1050-AA3105 Friction Stir Spot Welded Joints**
AYDIN H., Tuncel O., Yuce C., Tutar M., YAVUZ N., BAYRAM A.
MATERIALS TESTING, vol.56, no.10, pp.818-825, 2014 (SCI-Expanded)
- XIV. **Friction Characteristics of Nitrided Layers on AISI 430 Ferritic Stainless Steel Obtained by Various Nitriding Processes**
AYDIN H., BAYRAM A., Topcu S.
MATERIALS SCIENCE-MEDZIAGOTYRA, vol.19, no.1, pp.19-24, 2013 (SCI-Expanded)
- XV. **An investigation on microstructure and mechanical properties of post-weld heat-treated friction stir welds in aluminum alloy 2024-W**
AYDIN H., BAYRAM A., Durgun I.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, vol.227, pp.649-662, 2013 (SCI-Expanded)
- XVI. **Effect of different nitriding processes on the friction coefficient of 304 austenitic and 420 martensitic stainless steels**
AYDIN H., BAYRAM A., Topcu S.
INDUSTRIAL LUBRICATION AND TRIBOLOGY, vol.65, no.1, pp.27-36, 2013 (SCI-Expanded)
- XVII. **Effect of Welding Parameters on Tensile Properties and Fatigue Behavior of Friction Stir Welded 2014-T6 Aluminum Alloy**
AYDIN H., Tutar M., DURMUŞ A., BAYRAM A., Sayaca T.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.65, no.1, pp.21-30, 2012 (SCI-Expanded)
- XVIII. **Effect of the microstructure on the notched tensile strength of as-cast and austempered ductile cast irons**
DURMUŞ A., AYDIN H., Tutar M., BAYRAM A., YİĞİT K.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, vol.226, pp.2214-2229, 2012 (SCI-Expanded)
- XIX. **APPLICATION OF GREY RELATION ANALYSIS (GRA) AND TAGUCHI METHOD FOR THE PARAMETRIC OPTIMIZATION OF FRICTION STIR WELDING (FSW) PROCESS**
AYDIN H., BAYRAM A., EŞME U., KAZANÇOĞLU Y., GÜVEN O.
MATERIALI IN TEHNOLOGIJE, vol.44, no.4, pp.205-211, 2010 (SCI-Expanded)
- XX. **The effect of post-weld heat treatment on the mechanical properties of 2024-T4 friction stir-welded joints**
AYDIN H., BAYRAM A., Durgun I.
MATERIALS & DESIGN, vol.31, no.5, pp.2568-2577, 2010 (SCI-Expanded)
- XXI. **Influence of Welding Parameters on the Fatigue Behaviours of Friction Stir Welds of 3003-O Aluminum Alloys**
AYDIN H., BAYRAM A., Yildirim M. T., YİĞİT K.
MATERIALS SCIENCE-MEDZIAGOTYRA, vol.16, no.4, pp.311-319, 2010 (SCI-Expanded)
- XXII. **Tensile properties of friction stir welded joints of 2024 aluminum alloys in different heat-treated-state**
Aydn H., Bayram A., Uğuz A., Akay S. K.
MATERIALS & DESIGN, vol.30, no.6, pp.2211-2221, 2009 (SCI-Expanded)
- XXIII. **Abrasive and Sliding Wear Characteristics of Al-Si Cast Alloys Before and After Coating by Plasma Electrolytic Oxidation Process**
AYDIN H., BAYRAM A., Uguz A.
MATERIALS TESTING-MATERIALS AND COMPONENTS TECHNOLOGY AND APPLICATION, vol.50, no.6, pp.318-325, 2008 (SCI-Expanded)

- XXIV. **The observation of grain boundary phases in Al-Zn-Mg alloys containing dispersoids**
UĞUZ A., BAYRAM A.
Metall, vol.58, pp.44-46, 2004 (SCI-Expanded)
- XXV. **Effect of Microstructure on the Wear Behaviour of a Dual Phase Steel**
BAYRAM A., UĞUZ A.
Materialwissenschaft und Werkstofftechnik, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **Morphology, Microstructure and Mechanical Characterization of Inconel 718 Laser Cladding Application on AISI 1050 Steel**
ARI A., Karagöz T., Arslan O., BAYRAM A.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.28, no.2, pp.613-630, 2023 (Peer-Reviewed Journal)
- II. **The optimisation of welding parameters for electrical resistance spot-welded TWIP steels using a Taguchi method**
Tutar M., AYDIN H., BAYRAM A.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.24, no.4, pp.650-657, 2018 (ESCI)
- III. **SAC METAL ŞEKİLLENDİRME KALIPLARINDA KULLANILAN BİZMUT-KALAY DÖKÜM ALAŞIMLARININ MEKANİK ÖZELLİKLERİNİN İNCELENMESİ**
DURGUN İ., YİĞİT K., AYDIN H., BAYRAM A.
Uludağ University Journal of The Faculty of Engineering, vol.22, no.3, pp.11-20, 2017 (Peer-Reviewed Journal)
- IV. **MECHANICAL PROPERTIES OF FRICTION STIR WELDED 3003 ALUMINUM ALLOY IN DIFFERENT WELDING CONDITIONS**
AYDIN H., TUTAR M., YİĞİT K., BAYRAM A.
International Journal of Mechanical And Production Engineering, vol.5, no.12, pp.92-96, 2017 (Peer-Reviewed Journal)
- V. **Multi objective Taguchi optimization approach for resistance spot welding of cold rolled TWIP steel sheets**
TUTAR M., AYDIN H., BAYRAM A.
JOURNAL OF PHYSICS: CONFERENCE SERIES, vol.885, no.1, 2017 (Scopus)
- VI. **MECHANICAL PERFORMANCE OF FRICTION STIR SPOT WELDED AA6082 T6 SHEETS**
TUNÇEL O., AYDIN H., TUTAR M., BAYRAM A.
International Journal of Mechanical And Production Engineering, vol.4, no.1, pp.114-118, 2016 (Peer-Reviewed Journal)
- VII. **Effect of Loading Rate on the Mechanical Behavior of Fiber Glass Mat/Epoxy Composite**
Bayram A., Yazıcı M., Korkmaz B.
Technische Textilien, vol.42, no.1, pp.47-52, 1999 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **30 DEFORME EDİLMİŞ TWIP ÇELİĞİNİN ELEKTRİK DİRENÇ PUNTA KAYNAĞINDA ELEKTROD BASKI KUVVETİNİN KAYNAK ÖZELLİKLERİ ÜZERİNDEKİ ETKİSİ**
TUTAR M., AYDIN H., BAYRAM A.
9th International Automotive Technologies Congress, Otekon 2018, Bursa, Turkey, 7 - 08 May 2018, pp.1392-1399
- II. **Tool Pin Geometry Effect on Fracture Characteristics of 6082-T6 Friction Stir Spot Welds in Lap Shear Test**
TUNÇEL O., AYDIN H., TUTAR M., BAYRAM A.
2nd International Conference on Advanced Engineering Technologies, (ICADET 17), Bayburt, Turkey, 21 - 23

September 2017, pp.434-444

- III. **Effect Of Welding Time On Weld Properties Of 30 Cold Rolled Twip Steel Resistance Spot Welds**
AYDIN H., TUTAR M., BAYRAM A.
Istec 2017 Europe-international Science And Technology Conference, Berlin, Germany, 17 July 2017 - 19 January 2018, pp.300-306
- IV. **Multi Objective Taguchi Optimization Approach For Resistance Spot Welding Of Cold Rolled Twip Steel Sheets**
TUTAR M., AYDIN H., BAYRAM A.
The 6th International Conference On Manufacturing Engineering And Process, Lizbon, Portugal, 27 - 29 May 2017, pp.53-57
- V. **Influence of Tool Pin Profile on Mechanical Properties of 6082-T6 Friction Stir Spot Welds**
AYDIN H., TUNÇEL O., TUTAR M., BAYRAM A.
3rd International Conference on Engineering and Natural Science (ICENS 2017),Budapest, Hungary, May 2017, Budapest, Hungary, 3 - 07 May 2017, pp.334-339
- VI. **Multi objective Taguchi optimization approach for resistance spot welding of cold rolled TWIP steel sheets**
Tutar M., AYDIN H., BAYRAM A.
6th International Conference on Manufacturing Engineering and Process (ICMEP), Lisbon, Portugal, 27 - 29 May 2017, vol.885
- VII. **Weld Current Effect on the Tensile Strength of Cold Rolled TWIP980 Steel Joints Welded by Resistance Spot Welding**
AYDIN H., TUTAR M., BAYRAM A.
3th International Conference on Advanced Technology & Sciences ICAT'16, Konya, Turkey, 1 - 03 September 2016, pp.1247-1251
- VIII. **THE INFLUENCE OF WELDING TIME ON MECHANICAL PROPERTIES OF RESISTANCE SPOT WELDED TWIP STEELSHEETS**
AYDIN H., TUTAR M., BAYRAM A.
XIII INTERNATIONAL SCIENTIFIC CONGRESS MACHINES. TECHNOLOGIES. MATERIALS. 2016 SUMMER SESSION, Varna, Bulgaria, 14 - 17 September 2016, vol.24, pp.16-19
- IX. **A COMPARISON OF FRICTION CHARACTERISTICS OF VARIOUS SURFACE TREATED HOT WORK TOOL STEEL**
TUTAR M., BAYRAM A.
XIII INTERNATIONAL CONGRESS SUMMER SESSION "MACHINES. TECHNOLOGIES. MATERIALS", Varna, Bulgaria, 14 - 17 September 2016
- X. **Otomotiv sanayinde kullanılan TWIP çeliğinin elektrik direnç punta kaynağında elektrod baskı kuvvetinin mekanik özelliklere etkisi**
AYDIN H., TUTAR M., BAYRAM A.
OTEKON 2016 8. Otomotiv Teknolojileri Kongresi, Bursa, Turkey, 23 - 24 May 2016
- XI. **Weld Current Effect on the Mechanical Properties of Resistance Spot Welded TWIP980 Steel Sheets**
TUTAR M., AYDIN H., BAYRAM A.
International Research Symposium on Recent Innovations in Engineering Science and Technology, Paris, France, 9 - 10 March 2016, vol.5, pp.12-17
- XII. **Mechanical Performance Of Friction Stir Spot Welded AA6082 T6 Sheets**
TUNÇEL O., AYDIN H., TUTAR M., BAYRAM A.
4th IASTEM International Conference, Amsterdam, Netherlands, 12 November 2015, pp.62-66
- XIII. **Influence of Welding Parameters on Mechanical Properties And Microstructure of Friction Stir Spot Welded AA5754 Aluminium Alloys**
TUTAR M., AYDIN H., YÜCE C., TUNÇEL O., YAVUZ N., BAYRAM A.
15th International Materials Symposium, IMSP 2014, 15 - 17 October 2014
- XIV. **Influence of welding parameters on mechanical properties and microstructure of friction stir spot welded AA5754 Aluminium alloys**

TUTAR M., AYDIN H., YÜCE C., TUNÇEL O., YAVUZ N., BAYRAM A.

15. International Materials Symposium, Denizli, Turkey, 15 October 2014

- XV. **Farklı türdeki yüksek mukavemet çeliklerinin punta kaynağı ile birleştirilmesinde kaynak zamanı ve mekanik özellikler arasındaki korelasyonlar**
AYDIN H., DURGUN İ., TUTAR M., BAYRAM A.
Otomotiv Teknolojileri Kongresi (OTEKON14), Bursa, Turkey, 26 May 2014, vol.1, pp.149
- XVI. **Effect of rotational speed and dwell time on mechanical properties of dissimilar AA1050-AA3105 joints produced by friction stir spot welding**
AYDIN H., TUNÇEL O., YÜCE C., TUTAR M., YAVUZ N., BAYRAM A.
3rd International Conference on Welding Technologies and Exhibition, 21 - 23 May 2014
- XVII. **Effect of rotational speed and dwell time on mechanical properties of dissimilar AA1050-AA3105 joints produced by friction stir spot welding**
AYDIN H., TUNÇEL O., YÜCE C., TUTAR M., YAVUZ N., BAYRAM A.
3. International Conference on Welding Technologies and Exhibition (ICWET 2014), Manisa, Turkey, 21 May 2014
- XVIII. **An Investigation on Surface and Electrical Properties of Electrical Discharge Machined AISI D2 ToolSteel**
DURMUŞ A., BAYRAM A., GÜLÇİMEN ÇAKAN B., ŞENOL G., AKAY S. K.
An Investigation on Surface and Electrical Properties of Electrical Discharge Machined AISI D2 ToolSteel, 24 - 28 April 2013
- XIX. **Farklı İç Yapılara Sahip Küresel Grafitli Dökme Demirlerin Abrazif Aşınma Davranışlarının İncelenmesi**
AYDIN H., BAYRAM A., ÇALIŞOĞLU İ., BALABAN H.
5. Otomotiv Teknolojileri Kongresi OTEKON'10, Bursa-Türkiye, Turkey, 7 - 08 June 2010
- XX. **Plazma Nitrürlemenin Sac Delme Kalıplarında Kullanılan Zımbaların Aşınma Davranışı Üzerindeki Etkisi**
AYDIN H., BAYRAM A., SARAÇOĞLU M. H., TUTAR M., DURMUŞ A.
5. Otomotiv Teknolojileri Kongresi OTEKON'10, Bursa, Turkey, 7 - 08 June 2010, pp.43-50
- XXI. **Plazma nitrürlemenin sac delme kalıplarında kullanılan zımbaların aşınma davranışı üzerindeki etkisi**
AYDIN H., SARAÇOĞLU M. H., DURMUŞ A., TUTAR M., BAYRAM A.
5. Otomotiv Teknolojileri Kongresi (OTEKON 2010), Bursa, Turkey, 07 June 2010, vol.2010, pp.43-50
- XXII. **Effect of Morphology of Second Phase Martensite on the Deformation Characteristics of Dual Phase Steels**
BAYRAM A., DURMUŞ A.
Third International Congress, Mechanical Engineering Technologies'01, 25 - 26 June 2001
- XXIII. **Dual Fazlı Çeliklerde Mikroyapının Mekanik Özelliklere Etkisi**
BAYRAM A., DURMUŞ A.
3.GAP Mühendislik Kongresi, Turkey, 24 - 26 May 2000, pp.173-180

Metrics

Publication: 62

Citation (WoS): 473

Citation (Scopus): 542

H-Index (WoS): 9

H-Index (Scopus): 9

Non Academic Experience

Uludağ Üniversitesi

