

Prof. ALİ RIZA MOTORCU

Personal Information

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Education Information

Doctorate, Gazi University, Gazi University Institute of Science and Technology, Mechanical Education, Turkey 2001 - 2006

Post Graduate, Gazi University, Gazi University Institute of Science and Technology, Mechanical Education, Turkey 1997 - 2001

Under Graduate, Gazi University, Technical Education Faculty, Mechanical Education, Turkey 1992 - 1996

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Foreign Language, Yabancı Dil (İngilizce), Orta Doğu Teknik Üniversitesi Yabancı Diller Yüksekokulu, 1998

Dissertations

Doctorate, Machinability of AISI 1050, AISI 4140 and AISI E 52100 Steel's by Different Cutting Tools and Development of Models, Gazi University, Gazi University Institute of Science and Technology, Mechanical Education, 2006

Post Graduate, Developing a program for machining parts on CNC milling machines according to optimum time, cost and quality, Gazi University, Gazi University Institute of Science and Technology, Mechanical Education, 2001

Research Areas

Industrial Engineering , Production Planning and Control, Facility Location and Design, Quality and Reliability, Quality Control, Mechanical Engineering, Construction and Manufacturing, Machine Design, Computer Aided Design and Manufacturing, Non-traditional manufacturing methods, Machining Methods, Engineering and Technology

Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, 2020 - Continues

Associate Professor, Canakkale Onsekiz Mart University, 2011 - 2020

Associate Professor, Canakkale Onsekiz Mart University, Çanakkale Meslek Yüksekokulu, Makine Ve Metal Teknolojileri Bölümü, 2010 - 2011
Assistant Professor, Canakkale Onsekiz Mart University, Çanakkale Meslek Yüksekokulu, Makine Ve Metal Teknolojileri Programı, 2010 - 2010
Lecturer PhD, Bursa Uludağ University, Teknik Bilimler Meslek Yüksekokulu, Makine Ve Metal Teknolojileri Bölümü, 2007 - 2009
Research Assistant, Gazi University, Teknik Eğitim Fakültesi, Makine Eğitimi Bölümü, 1997 - 2006

Professional Experience

Head of Department, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2020 - Continues
Academic Board Member, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2017 - Continues
Head of Department, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2017 - 2020
Academic Board Member, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü- İş Güvenliği, İş Güvenliği, 2014 - 2016
Academic Board Member, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, 2011 - 2016
Head of Department, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2011 - 2016
Director Of Junior College, Canakkale Onsekiz Mart University, Çanakkale Uygulamalı Bilimler Yüksekokulu, 2013 - 2015
Board Member, Canakkale Onsekiz Mart University, Çanakkale Uygulamalı Bilimler Yüksekokulu, 2013 - 2015
Academic Board Member, Canakkale Onsekiz Mart University, Çanakkale Uygulamalı Bilimler Yüksekokulu, 2013 - 2015
Board Member, Canakkale Onsekiz Mart University, Gökçeada Meslek Yüksekokulu, 2011 - 2012
Academic Board Member, Canakkale Onsekiz Mart University, Gökçeada Uygulamalı Bilimler Yüksekokulu, 2011 - 2012
Board Member, Canakkale Onsekiz Mart University, Gökçeada Uygulamalı Bilimler Yüksekokulu, 2011 - 2012
Director Of Junior College, Canakkale Onsekiz Mart University, Gökçeada Uygulamalı Bilimler Yüksekokulu, 2011 - 2012
Academic Board Member, Canakkale Onsekiz Mart University, Akademik Değerlendirme Ve Kalite Geliştirme Kurulu (Adek), Çanakkale Meslek Yüksekokulu, 2010 - 2011
Head of Department, Canakkale Onsekiz Mart University, Çanakkale Meslek Yüksekokulu, Denizcilik Bölümü, 2010 - 2011
Academic Board Member, Canakkale Onsekiz Mart University, Çanakkale Meslek Yüksekokulu, Çanakkale Meslek Yüksekokulu, 2010 - 2011

Courses

İmalat İşlemleri II, Associate Degree, 2019 - 2020
Uzmanlık Alan Dersi, Post Graduate, 2019 - 2020
Teknik Resim II, Associate Degree, 2019 - 2020
Uzmanlık Alan Dersi, Post Graduate, 2019 - 2020
Bilgisayar Destekli Teknik Çizim (B Şubesi), Under Graduate, 2018 - 2019
Bilgisayar Destekli Teknik Çizim (A Şubesi), Under Graduate, 2018 - 2019
İmalat İşlemleri II, Associate Degree, 2018 - 2019
Bakım Onarımında İş Güvenliği, Post Graduate, 2019 - 2020
Taşıma, İletim ve Depolama Sistemlerinde İş Güvenliği, Post Graduate, 2019 - 2020
Teknik Resim I, Associate Degree, 2017 - 2018, 2019 - 2020
İmalat İşlemleri I, Associate Degree, 2017 - 2018, 2019 - 2020
Uzmanlık Alan Dersi, Post Graduate, 2018 - 2019
Seminer, Post Graduate, 2018 - 2019
Bakım Onarımında İş Güvenliği, Post Graduate, 2018 - 2019
Teknik Resim II, Associate Degree, 2018 - 2019

Talaşlı İmalatta İş Kazaları, Önlemleri ve Maliyet Analizi, Post Graduate, 2019 - 2020
Talaşlı İmalatta İş Kazaları, Önlemleri ve Maliyet Analizi, Post Graduate, 2018 - 2019
Taşıma, İletim ve Depolama Sistemlerinde İş Güvenliği, Post Graduate, 2018 - 2019
İmalat İşlemleri II, Associate Degree, 2017 - 2018
Uzmanlık Alan Dersi, Post Graduate, 2018 - 2019
Bilgisayar Destekli Teknik Çizim, Under Graduate, 2017 - 2018
Hidrolik ve Pnömatik, Associate Degree, 2017 - 2018
İmalat İşlemleri I, Associate Degree, 2018 - 2019
Bilgi ve İletişim Teknolojisi, Associate Degree, 2017 - 2018
Teknik Resim II, Associate Degree, 2017 - 2018
Teknik Resim I, Associate Degree, 2018 - 2019
Araştırma Yöntem ve Teknikleri, Associate Degree, 2017 - 2018
Teknik Resim, Under Graduate, 2017 - 2018
Bilgisayar Destekli Çizim, Associate Degree, 2017 - 2018
Bakım Onarımında İş Güvenliği, Post Graduate, 2017 - 2018
Talaşlı İmalatta İş Kazaları, Önlemleri ve Maliyet Analizi, Post Graduate, 2017 - 2018
Paket Programlar ile Deneysel Tasarım ve Veri Analizi, Post Graduate, 2015 - 2016
Talaşlı İmalatta İş Kazaları, Önlemleri ve Maliyet Analizi, Post Graduate, 2015 - 2016
Kalite Güvencesi ve Standartları, Associate Degree, 2015 - 2016
Araştırma Yöntem ve Teknikleri, Associate Degree, 2015 - 2016
Bakım Onarımında İş Güvenliği, Post Graduate, 2015 - 2016
Makine Elemanları, Associate Degree, 2015 - 2016
Malzeme Bilgisi, Under Graduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016
Makine Resmi, Under Graduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016
Ölçme Tekniği, Associate Degree, 2015 - 2016
İmalat Yöntemleri ve Takım Tezgahları, Under Graduate, 2011 - 2012, 2012 - 2013, 2014 - 2015, 2015 - 2016
Bilgisayar Destekli Teknik Resim, Under Graduate, 2015 - 2016
Bilgisayarlı Çizim Teknikleri, Under Graduate, 2014 - 2015
Hidrolik ve Pnömatik, Associate Degree, 2010 - 2011, 2012 - 2013, 2013 - 2014, 2014 - 2015
Bilgisayar Destekli Tasarım I, Associate Degree, 2013 - 2014
Bilgisayar Destekli Üretim I, Associate Degree, 2013 - 2014
Kalite Güvencesi ve Standartları, Associate Degree, 2013 - 2014
CNC Torna Teknolojisi, Associate Degree, 2012 - 2013, 2013 - 2014
İmalat Yöntemleri ve Takım Tezgahları, Under Graduate, 2013 - 2014
Teknik Resim, Under Graduate, 2012 - 2013
Teknik Resim II, Associate Degree, 2012 - 2013
Bilgisayar Destekli Çizim II, Associate Degree, 2012 - 2013
Bilgisayar Destekli Çizim, Associate Degree, 2012 - 2013
Bilgisayar Destekli Çizim, Under Graduate, 2012 - 2013
Teknik Resim I, Associate Degree, 2012 - 2013
Bilgisayar Destekli Çizim I, Associate Degree, 2012 - 2013
Ölçme ve Kontrol, Associate Degree, 2011 - 2012, 2012 - 2013
CNC Freze Teknolojisi, Associate Degree, 2012 - 2013
Bilgisayar Destekli Tasarım, Associate Degree, 2012 - 2013
Bilgisayar Destekli Üretim I, Associate Degree, 2012 - 2013
Malzeme Bilgisi, Under Graduate, 2010 - 2011
Makine Resmi, Under Graduate, 2010 - 2011
Bilgisayar Destekli Tasarım, Associate Degree, 2010 - 2011
Bilgisayar Destekli Üretim, Associate Degree, 2010 - 2011

Advising Theses

- Motorcu A. R. , Aynı Tehlike ve Riskler İçin Farklı Risk Değerlendirme Yöntemlerinin Örneklerle Karşılaştırılması, Post Graduate, Ö.Kaçar(Student), Continues
- Motorcu A. R. , Konut İnşaatı Üretim Sektöründe İş Güvenliği Maliyetleri, İşveren ve Çalışan Teknik Personelin İş Güvenliği Kültürünün Değerlendirilmesi, Post Graduate, S.Vural(Student), Continues
- Motorcu A. R. , Occupational Safety Risk In Automotive Authorized And Special Services And Work Safety Culture Of Technical Staff Working: Case Of Çanakkale, Post Graduate, S.Tayyar(Student), 2020
- Motorcu A. R. , Safety Culture Of AFAD And Fire Teams, Occupational Safety Risk Factors And Measures To Be Exposed: Case Of Çanakkale Province, Post Graduate, K.Yılmaz(Student), 2020
- Motorcu A. R. , Preparation Of Noise Maps For Closed Work Environments In Different Industrial Sectors, Their Analysis And Noise Control Proposals, Post Graduate, S.Gürsoy(Student), 2020

Jury Memberships

- Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2020
- Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, August, 2020
- Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, August, 2020
- Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, August, 2020
- Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, August, 2020
- Doctorate, Doctorate, Bursa Uludağ Üniversitesi, July, 2020
- Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, March, 2020
- Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, March, 2020
- Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, January, 2020
- Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, August, 2019
- Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, July, 2019
- Doctoral Examination, Doctoral Examination, Karabük Üniversitesi, June, 2019
- Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, June, 2019
- Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, April, 2019
- Post Graduate, Post Graduate, Karabük Üniversitesi, January, 2019
- Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, June, 2018
- Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, January, 2018
- Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, December, 2017

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

- I. **Optimization of machining parameters for kerf angle and roundness error in abrasive water jet drilling of CFRP composites with different fiber orientation angles**
Karataş M. A. , Motorcu A. R. , Gökkaya H.
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, vol.42, 2020 (Journal Indexed in SCI)
- II. **EFFECTS OF CONTROL FACTORS ON OPERATING TEMPERATURES OF A MECHANICAL HEAT PUMP IN WASTE HEAT RECOVERY: Evaluation Using the Taguchi Method**
MOTORCU A. R. , COŞKUN S., KARABULUT Ş.
THERMAL SCIENCE, vol.22, pp.205-222, 2018 (Journal Indexed in SCI)
- III. **An investigation of the effects of cutting parameters and graphite reinforcement on quality characteristics during the drilling of Al/10B(4)C composites**
EKİCİ E., MOTORCU A. R. , Uzun G.
MEASUREMENT, vol.95, pp.395-404, 2017 (Journal Indexed in SCI)

- IV. **Estimation of the optimum cutting parameters for surface roughness in wire electrical discharge machining of nickel based waspaloy using Taguchi method**
KUŞ A., MOTORCU A. R.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.32, pp.195-204, 2017 (Journal Indexed in SCI)
- V. **Evaluation of surface roughness and material removal rate in the wire electrical discharge machining of Al/B4C composites via the Taguchi method**
EKİCİ E., MOTORCU A. R. , KUŞ A.
JOURNAL OF COMPOSITE MATERIALS, vol.50, pp.2575-2586, 2016 (Journal Indexed in SCI)
- VI. **Investigation of the WEDM of Al/B4C/Gr reinforced hybrid composites using the Taguchi method and response surface methodology**
MOTORCU A. R. , EKİCİ E., KUŞ A.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.23, pp.435-445, 2016 (Journal Indexed in SCI)
- VII. **ANALYSIS OF THE CUTTING TEMPERATURE AND SURFACE ROUGHNESS DURING THE ORTHOGONAL MACHINING OF AISI 4140 ALLOY STEEL VIA THE TAGUCHI METHOD**
MOTORCU A. R. , IŞIK Y., KUŞ A., ÇAKIR M. C.
MATERIALI IN TEHNOLOGIJE, vol.50, pp.343-351, 2016 (Journal Indexed in SCI)
- VIII. **The effects of process parameters on acceleration amplitude in the drilling of cold work tool steels**
Kaplan Y., Motorcu A. R. , Nalbant M., Okay Ş.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.80, pp.1387-1401, 2015 (Journal Indexed in SCI)
- IX. **The evaluation of the effects of control factors on surface roughness in the drilling of Waspaloy superalloy**
MOTORCU A. R. , KUŞ A., Durgun I.
MEASUREMENT, vol.58, pp.394-408, 2014 (Journal Indexed in SCI)
- X. **Evaluation of drilling Al/SiC composites with cryogenically treated HSS drills**
EKİCİ E., MOTORCU A. R.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.74, pp.1495-1505, 2014 (Journal Indexed in SCI)
- XI. **Investigation of the effects of machining parameters on the thrust force and cutting torque in the drilling of AISI D2 and AISI D3 cold work tool steels**
KAPLAN Y., OKAY Ş., MOTORCU A. R. , NALBANT M.
INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, vol.21, pp.128-138, 2014 (Journal Indexed in SCI)
- XII. **MODELING OF THE EFFECTS OF PARAMETERS ON DIMENSIONAL ACCURACY IN LASER CUTTING OF AISI 304 STEEL WITH DIFFERENT GEOMETRIES**
Durukan Z., MOTORCU A. R. , GÜLLÜ A.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.29, pp.505-515, 2014 (Journal Indexed in SCI)
- XIII. **EVALUATION OF TOOL LIFE - TOOL WEAR IN MILLING OF INCONEL 718 SUPERALLOY AND THE INVESTIGATION OF EFFECTS OF CUTTING PARAMETERS ON SURFACE ROUGHNESS WITH TAGUCHI METHOD**
MOTORCU A. R. , KUŞ A., ARSLAN R., TEKİN Y., EZENTAŞ R.
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.20, pp.765-774, 2013 (Journal Indexed in SCI)
- XIV. **Evaluation of control parameters' effects on system performance with Taguchi method in waste heat recovery application using mechanical heat pump**
COŞKUN S., MOTORCU A. R. , YAMANKARADENİZ N., PULAT E.
INTERNATIONAL JOURNAL OF REFRIGERATION-REVUE INTERNATIONALE DU FROID, vol.35, pp.795-809, 2012 (Journal Indexed in SCI)
- XV. **Tool life performances, wear mechanisms and surface roughness characteristics when turning austenised and quenched AISI 52100 bearing steel with ceramics and CBN/TiC cutting tools**

- Motorcu A. R.
INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, vol.18, pp.137-146, 2011 (Journal Indexed in SCI)
- XVI. **The Optimization of Machining Parameters Using the Taguchi Method for Surface Roughness of AISI 8660 Hardened Alloy Steel**
Motorcu A. R.
STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, vol.56, pp.391-401, 2010 (Journal Indexed in SCI)
- XVII. **THE INVESTIGATION OF TOOL LIFE AND WEAR IN THE MACHINING OF NON-HEAT TREATED AND SPHEROIDIZED AISI52100 BEARING STEEL WITH DIFFERENT CUTTING TOOLS**
Motorcu A. R.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.25, pp.65-75, 2010 (Journal Indexed in SCI)
- XVIII. **DETERMINATION OF THE PARAMETERS PROVIDING OPTIMUM TOOL LIFE BY TAGUCHI TECHNIQUE AND OBSERVATION OF TOOL WEAR IN THE MACHINING OF AISI1050 AND AISI4140 STEELS WITH THE CERAMIC CUTTING TOOLS**
MOTORCU A. R.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.24, no.4, pp.699-708, 2009 (Journal Indexed in SCI)
- XIX. **Surface roughness model in machining hardened steel with cubic boron nitride cutting tool**
Sahin Y., Motorcu A. R.
INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS, vol.26, pp.84-90, 2008 (Journal Indexed in SCI)
- XX. **Statistical process control in machining, a case study for machine tool capability and process capability**
Motorcu A. R. , Güllü A.
MATERIALS & DESIGN, vol.27, pp.364-372, 2006 (Journal Indexed in SCI)
- XXI. **Surface roughness model for machining mild steel with coated. carbide tool**
Şahin Y., Motorcu A. R.
MATERIALS & DESIGN, vol.26, pp.321-326, 2005 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Laminat Kompozitin Cep Frezelenmesinde Yüzey Pürüzlülüğü Ve Boyutsal Tamlığın Değerlendirilmesi**
MOTORCU A. R. , BİLGE T.
DÜZCE ÜNİVERSİTESİ BİLİM VE TEKNOLOJİ DERGİSİ, vol.6, pp.79-100, 2018 (National Refreed University Journal)
- II. **Kompakt Laminat Panellerin Delinmesinde Delik Girişi Ve Çıkışı Delaminasyon Faktörü İçin Delme Parametrelerinin Optimizasyonu**
Motorcu A. R. , Bilge T.
Düzce Üniversitesi İleri Teknoloji Bilimleri Dergisi, vol.6, no.3, pp.167-179, 2017 (National Refreed University Journal)
- III. **Kompakt Laminat Kompozitlerin Parmak Freze İle Delinmesinde Takım Aşınmasının Yüzey Pürüzlülüğü Ve Boyutsal Tamlık Üzerine Etkileri**
Bilge T., Motorcu A. R.
Düzce Üniversitesi İleri Teknoloji Bilimleri Dergisi, vol.6, no.3, pp.180-192, 2017 (National Refreed University Journal)
- IV. **Kompakt Laminat Kompozit Malzemenin Tungsten Karbür Takımlarla Delinmesinde Delaminasyon Faktörünün Değerlendirilmesi**
Bilge T., Motorcu A. R. , Ivanov A.

PAMUKKALE ÜNİVERSİTESİ MÜHENDİSLİK BİLİMLERİ DERGİSİ, vol.23, pp.427-436, 2017 (Journal Indexed in ESCI)

- V. **Kompakt Laminatın Delinmesinde Boyutsal Tamlık İçin Delme Parametrelerinin Gri İlişkisel Analiz İle Optimizasyonu**
Bilge T., Motorcu A. R. , Ivanov A.
Süleyman Demirel Üniversitesi Uluslararası Teknolojik Bilimler Dergisi, vol.9, no.2, pp.1-22, 2017 (National Refreed University Journal)
- VI. **Wire Electrical Discharge Machining of a Hybrid Composite Evaluation of Kerf Width and Surface Roughness**
Kuş A., Motorcu A. R. , Ekici E.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.21, no.1, pp.245-260, 2016 (International Refereed University Journal)
- VII. **Evaluation of drilling Al/B4C composites with carbide drills**
MOTORCU A. R. , EKİCİ E.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.22, pp.259-266, 2016 (Journal Indexed in ESCI)
- VIII. **Nikel Esaslı Süperalaşımların ve Titanyum Alaşımlarının İşlenebilirliği III Bölüm Kübik Bor Nitrür CBN Kesici Takımların Performanslarının Değerlendirilmesi**
Motorcu A. R.
Electronic Journal of Machine Technologies, vol.7, pp.1-21, 2010 (Other Refereed National Journals)
- IX. **Nikel Esaslı Süperalaşımların ve Titanyum Alaşımlarının İşlenebilirliği II Bölüm Seramik Kesici Takımların Performanslarının Değerlendirilmesi**
Motorcu A. R.
Electronic Journal of Machine Technologies, vol.7, pp.1-17, 2010 (Other Refereed National Journals)
- X. **Surface Roughness Evaluation When Machining Carbon Steel With Ceramic Cutting Tools**
Motorcu A. R.
Uludağ University Journal of The Faculty of Engineering and Architecture, vol.14, pp.139-145, 2009 (Other Refereed National Journals)
- XI. **Nikel Esaslı Süperalaşımların Ve Titanyum Alaşımlarının İşlenebilirliği 1 Bölüm Sinterlenmiş Karbür Takımların Performanslarının Değerlendirilmesi**
Motorcu A. R.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.25, pp.302-330, 2009 (National Refreed University Journal)
- XII. **THE DEVELOPMENT OF SURFACE ROUGHNESS MODEL WHEN TURNING HARDENED STEEL WITH CERAMIC CUTTING TOOL USING RESPONSE METHODOLOGY**
Şahin Y., Motorcu A. R.
MULTIDISCIPLINE MODELING IN MATERIALS AND STRUCTURES, vol.4, pp.291-304, 2008 (Journal Indexed in ESCI)
- XIII. **Isıl İşleme Sertliği 53 HRC ye Çıkarılmış AISI 1050 Çeliğinin Kaplamalı Karbür Takımla İşlenmesinde Takım Aşınmasının Değerlendirilmesi**
Motorcu A. R.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.12, pp.379-388, 2006 (Other Refereed National Journals)
- XIV. **Surface Roughness Prediction Model in Machining of Carbon Steel by PVD Coated Cutting Tools**
Şahin Y., Motorcu A. R.
American Journal of Applied Sciences, vol.1, pp.12-17, 2004 (Refereed Journals of Other Institutions)
- XV. **Elimination of the Quality Problems Encountered in Mass Production by Using Statistical Quality Control**
Güllü A., Motorcu A. R.
Turkish Journal of Engineering and Environmental Sciences, vol.27, pp.83-93, 2003 (Refereed Journals of Other Institutions)
- XVI. **CNC Freze Tezgahlarında Optimum Kesme Süresi ve Üretim Maliyetlerine Göre Kesme**

Parametrelerinin Optimizasyonu

Motorcu A. R. , Güllü A.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.15, pp.737-746, 2002 (Other Refereed National Journals)

XVII. **Farklı Cep İşleme Çevrimlerinin İşleme Süresi ve Yüzey Pürüzlülük Kriterine Göre İncelenmesi**

Güllü A., Pinar A. M. , Motorcu A. R.

Makine Tasarım ve İmalat Dergisi, vol.4, pp.134-139, 2002 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Cam Laminat Alüminyum Takviyeli Epoksinin (GLARE) Özel Geometrilik Matkaplarla Delinmesi: Delaminasyon Faktörü Üzerine Bir Çalışma**
Motorcu A. R. , Ekici E., Yıldırım E.
Uluslararası Malzeme ve Mühendislik Teknolojileri Konferansı, Gaziantep, Turkey, 5 - 07 November 2020, pp.32-44
- II. **CFRP/Al2024 Metalik Yığınların Farklı Geometrilik Matkaplarla Delinmesinde Delaminasyon Faktörünün Optimizasyonu**
Ekici E., Motorcu A. R.
Uluslararası Malzeme ve Mühendislik Teknolojileri Konferansı, Gaziantep, Turkey, 5 - 07 November 2020, pp.45-53
- III. **Optimization of Control Factors for Minimum Delamination Factor in CFRP in Drilling of CFRP/Ti6Al4V Stacks with Step Drill**
Motorcu A. R. , Ekici E.
5. International Conference on Material Science and Technology (IMSTEC 2020), Nevşehir, Turkey, 16 - 18 October 2020, pp.133-139
- IV. **Evaluation of The Effect of Tool Geometry and Drilling Parameters on Thrust Force in Carbon Fiber Reinforced Aluminum Laminates (CARALL)**
Ekici E., Uzun G., Motorcu A. R.
5. International Conference on Material Science and Technology (IMSTEC 2020), Nevşehir, Turkey, 16 - 18 October 2020, pp.128-132
- V. **Evaluation of Occupational Safety Cultures in Terms of Occupational Safety Priority and Fatalism of AFAD and Firefighting Teams of Emergency and Disaster Employees: The Case of Çanakkale Province**
Motorcu A. R. , Yılmaz K.
International Marmara Sciences Congress, Kocaeli, Turkey, 19 - 20 June 2020, vol.1, pp.481-488
- VI. **Evaluation of Occupational Safety Cultures in Terms of Management Commitment, Occupational Safety Priority, Employee Participation of Technical Personnel Working in Automotive Authorized and Special Services**
Motorcu A. R. , Tayyar S.
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