

## Lect. MURAT DİLEK

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-0394-6390

Publons / Web Of Science ResearcherID: I-9886-2018

Yoksis Researcher ID: 102839

### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Makina Mühendisliđi, Turkey 2009 - Continues

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Makina Mühendisliđi, Turkey 2002 - 2006

Undergraduate, Cukurova University, Mühendislik Mimarlık Fakültesi, Makina Mühendisliđi, Turkey 1997 - 2002

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Mechanical Properties of Different Aluminum Alloys Joined by Friction Stir Welding, Cukurova University, Fen Bilimleri Enstitüsü, Makina Mühendisliđi, 2006

### Research Areas

Biomedical Engineering, Biomechanics, Artificial Organs and Biomaterials, Mechanical Engineering, Construction and Manufacturing, Computer Aided Design and Manufacturing, Non-traditional manufacturing methods, Welding Methods, Material, Engineering and Technology

### Academic Titles / Tasks

Lecturer, Cukurova University, İmamođlu Meslek Yüksekokulu, Gaz Ve Tesisatı Teknolojisi, 2012 - Continues

### Academic and Administrative Experience

Head of Department, Cukurova University, İmamođlu Meslek Yüksekokulu, Gaz Ve Tesisatı Teknolojisi, 2017 - 2021

## Courses

Laboratuvar, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Bilgisayar Destekli Tasarım II, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Temel Bilgi Teknolojisi, Associate Degree, 2017 - 2018, 2016 - 2017  
Malzeme Teknolojisi, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014  
Bilgisayar Destekli Tasarım I, Associate Degree, 2017 - 2018, 2016 - 2017, 2014 - 2015  
Teknik ve Mesleki Resim, Associate Degree, 2017 - 2018, 2016 - 2017  
Boru Kaynakçılığı, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014  
Mesleki Matematik II, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014  
Mesleki Matematik I, Associate Degree, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014  
Termodinamik, Associate Degree, 2017 - 2018  
Bilgisayar Destekli Çizim, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014  
Bilgisayar Destekli Tasarım, Associate Degree, 2017 - 2018  
Staj, Associate Degree, 2016 - 2017

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. The effects of sintering and shot peening processes on the fatigue strength**  
IYNEN O., EKŞİ A. K., BİRCAN D. A., DİLEK M.  
MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, vol.41, no.4, pp.202-212, 2010 (SCI-Expanded)

## Articles Published in Other Journals

- I. The investigation in properties of welded 5xxx series Al Alloys by friction stir welding**  
DİLEK M., EKŞİ A. K.  
Journal of Science and Engineering, pp.123-132, 2007 (Non Peer-Reviewed Journal)
- II. 5083-O,5186-H111 ve 5083-H111 Alüminyum Alaşımlarının Sürtünme Karıştırma Kaynak Yöntemiyle Birleştirilmesi**  
DİLEK M., BİRCAN D. A., EKŞİ A. K.  
Ç.Ü. Mühendislik-Mimarlık Fakültesi Dergisi, pp.255-268, 2007 (Non Peer-Reviewed Journal)

## Books & Book Chapters

- I. Influence of Shot Peening on Mechanical Properties of the Alumix 431 PM Alloys**  
Iynen O., EKŞİ A. K., BİRCAN D. A., DİLEK M.  
in: Powder Metallurgy for Automotive, Aluminum Alloys, Hard and Super Hard Materials, Ramakrishnan P. , Editor, Medtec, Delhi, pp.125-135, 2013

## Refereed Congress / Symposium Publications in Proceedings

- I. Construction of 3d Finite Element Model of Human Mandible for Biomechanical Analysis**  
DİLEK M., BİRCAN D. A., EKŞİ A. K.  
2nd International Scientific Conference on Engineering, Antalya, Turkey, 22 - 24 November 2012, pp.409-413
- II. Construction of 3d Finite Element Model of Human Mandible for Biomechanical Analysis**  
DİLEK M., BİRCAN D. A., EKŞİ A. K.  
2nd International Scientific Conference on Engineering, Antalya, Turkey, 22 - 24 November 2012, pp.409-413
- III. The Effect of sintering and Nitriding Processes on Distaloy AE Powder Materials**  
AKBULUT İ., EKŞİ A. K., BİRCAN D. A., DİLEK M.

- 6th International Powder Metallurgy Conference & Exhibition, Ankara, Turkey, 1 - 03 June 2011, pp.100
- IV. **The Effect of sintering and Nitriding Processes on Distalloy AE Powder Materials**  
AKBULUT İ., EKŞİ A. K., BİRCAN D. A., DİLEK M.  
6th International Powder Metallurgy Conference & Exhibition, Ankara, Turkey, 1 - 03 June 2011, pp.100
- V. **Sürtünme Karıştırma Kaynak Yöntemi ile Birleştirilen 5083-0 ve 5186-H111 Alüminyum Alaşımı Bağlantılarının Mekanik ve Mikroyapı Özelliklerinin İncelenmesi**  
DİLEK M., BİRCAN D. A., EKŞİ A. K., İYEN O.  
1st International Conference on Welding Technologies, Adana, Turkey, 11 - 13 June 2009, pp.100
- VI. **Sürtünme Karıştırma Kaynak Yöntemi ile Birleştirilen 5083-0 ve 5186-H111 Alüminyum Alaşımı Bağlantılarının Mekanik ve Mikroyapı Özelliklerinin İncelenmesi**  
DİLEK M., BİRCAN D. A., EKŞİ A. K., İYEN O.  
1st International Conference on Welding Technologies, Adana, Turkey, 11 - 13 June 2009, pp.100
- VII. **Design and Investigation of Improvement of Fatigue Properties of the Machine Elements Produced by Powder Metallurgy**  
İYEN O., EKŞİ A. K., BİRCAN D. A., DİLEK M.  
5th International Advanced Technologies Symposium (IATS'09), Karabük, Turkey, 13 - 15 May 2009, pp.978-983
- VIII. **Design and Investigation of Improvement of Fatigue Properties of the Machine Elements Produced by Powder Metallurgy**  
İYEN O., EKŞİ A. K., BİRCAN D. A., DİLEK M.  
5th International Advanced Technologies Symposium (IATS'09), Karabük, Turkey, 13 - 15 May 2009, pp.978-983
- IX. **The Investigation in Properties of Welded Dissimilar Al Alloys by Friction Stir Welding**  
DİLEK M., EKŞİ A. K., BİRCAN D. A.  
11th International Materials Symposium, Denizli, Turkey, 19 - 21 April 2006, pp.728-733
- X. **The Investigation in Properties of Welded Dissimilar Al Alloys by Friction Stir Welding**  
DİLEK M., EKŞİ A. K., BİRCAN D. A.  
11th International Materials Symposium, Denizli, Turkey, 19 - 21 April 2006, pp.728-733

## Metrics

Publication: 14

Citation (WoS): 2

Citation (Scopus): 3

H-Index (WoS): 1

H-Index (Scopus): 1

## Non Academic Experience

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