

Lect. MURAT DİLEK

Personal Information

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International Researcher IDs

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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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