

Lect. PhD MUSTAFA UĞURLU

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Mersin University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2015 - 2022

Postgraduate, Mersin University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2012 - 2015

Undergraduate, Mersin University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2008 - 2012

Foreign Languages

English, B2 Upper Intermediate

Academic Titles / Tasks

Lecturer PhD, Cukurova University, Adana Organize Sanayi Bölgesi Teknik Bilimler Meslek Yüksekokulu, Makine ve Metal Teknolojileri, 2022 - Continues

Lecturer, Cukurova University, Adana Organize Sanayi Bölgesi Teknik Bilimler Meslek Yüksekokulu, Makine ve Metal Teknolojileri, 2021 - 2022

Research Assistant, Mersin University, Faculty Of Engineering, Department Of Mechanical Engineering, 2013 - 2021

Courses

Business English, Associate Degree, 2021 - 2022

Computer Aided Drawing II, Associate Degree, 2021 - 2022

CNC Freze Teknolojisi, Associate Degree, 2021 - 2022

Ofis Yazılımları, Associate Degree, 2021 - 2022

Kaynak Teknolojisi, Associate Degree, 2021 - 2022

Makine Meslek Resmi, Associate Degree, 2021 - 2022

İşyeri Eğitimi, Associate Degree, 2021 - 2022

Makine Elemanları, Associate Degree, 2021 - 2022

Pompalar ve Kompresörler, Associate Degree, 2021 - 2022

Proje Geliştirme Teknikleri I, Associate Degree, 2021 - 2022

Hydraulic and Pneumatic, Associate Degree, 2021 - 2022

Computer Aided Drawing, Associate Degree, 2021 - 2022

mathematics, Associate Degree, 2021 - 2022

English I, Associate Degree, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Cutting performance of coated carbide inserts in hard turning of hardened AISI D2 cold work tool steels**
Cakan A., Albayrak O., Gozmen Sanli B., Guven O., UĞURLU M., Atmaca H.
Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2024 (SCI-Expanded)
- II. **Effect of weld parameters on the microstructure and mechanical properties of dissimilar friction stir joints between pure copper and the aluminum alloy AA7075 T6**
Cakan A., Ugurlu M., Kaygusuz E.
MATERIALS TESTING, vol.61, no.2, pp.142-148, 2019 (SCI-Expanded)
- III. **Preparation and characterization of boron doped hydroxyapatite: Effects of boron content and sintering temperature on structure and mechanical properties**
Albayrak O., Ugurlu M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.31, no.3, pp.750-763, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of weld defects and mechanical properties of dissimilar friction stir spot welded dual phase (DP600) steel and aluminum alloy (AA 7075-T6) plates**
Çakan A., Ugurlu M.
European Mechanical Science, vol.6, no.4, pp.233-240, 2022 (Peer-Reviewed Journal)
- II. **The Effect of Tool Rotation Speed on Mechanical Properties of Friction Stir Spot Welded (FSSW) AA7075-T6 Aluminium Alloy Sheets**
Uğurlu M., Çakan A.
European Mechanical Science, vol.3, no.3, pp.97-101, 2019 (Peer-Reviewed Journal)
- III. **Analysis and Joining of Al-Cu Plates Using Friction-Stir Welding Technique**
ÇAKAN A., ATMACA H. M., UĞURLU M.
European Mechanical Science, vol.2, no.1, pp.1-8, 2018 (Peer-Reviewed Journal)
- IV. **Improvement of Surface Roughness using ANOVA for AZ31B Magnesium Alloy with Ball Burnishing Process**
UĞURLU M., ÇAĞAN S. Ç., BULDUM B. B.
International journal of Engineering Research and Technology, vol.6, no.9, pp.216-221, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of Welding Performance of Dissimilar AA7075-T6 Al and Ti6Al4V Ti Plates Joined by Friction Stir Welding Method**
Çakan A., Uğurlu M.
6th International Mediterranean Science and Engineering Congress, Antalya, Turkey, 25 - 27 October 2021, pp.466-470
- II. **DP600 ÇELİĞİ İLE AA 7075-T6 ALÜMİNYUM ALAŞIMI LEVHALARIN SÜRTÜNME KARIŞTIRMA NOKTA KAYNAĞI İLE BİRLEŞTİRİLMESİNE TAKIM DÖNME HIZININ ETKİSİ**
UĞURLU M., ÇAKAN A.

HEZARFEN Uluslararası Fen Matematik ve Mühendislik Bilimleri Kongresi, 8 - 10 November 2019

- III. **AA7075-T6 Alüminyum Alaşımı Levhaların Sürtünme Karıştırma Nokta Kaynağı (SKNK) ile Birleştirilmesinde Takımın Dönme Hızının Mekanik Özellikler Üzerine Etkisinin İncelenmesi**
UĞURLU M., ÇAKAN A.

3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), 24 - 26 October 2018

- IV. **AA7075-T6 ve Cu ETP R240 Levhaların Sürtünme Karıştırma Kaynak Yöntemi (SKK) ile Birleştirilmesinde Takım Dönme ve İlerleme Hızının Mekanik Özelliklere Etkisi**
ÇAKAN A., UĞURLU M., KAYGUSUZ E.

IATS'xx17 8th International Advanced Technologies Symposium, 19 - 22 October 2017

- V. **Analysis and Joining of Al-Cu Plates Using Friction-Stir Welding Technique**
ÇAKAN A., ATMACA H. M., UĞURLU M.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), 25 - 27 October 2017

Metrics

Publication: 13

Citation (WoS): 2

Citation (Scopus): 4

H-Index (WoS): 2

H-Index (Scopus): 1