

Lect. PhD MUSTAFA UĞURLU

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 20705

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

Research Areas

Mechanical Engineering, Construction and Manufacturing, Material science and engineering, Engineering and Technology

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

Associate Degree

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
Proje Geliştirme Teknikleri II, 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)

Papers Published in Refereed Scientific Meetings

- 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

Supported Projects

Uğurlu M., Project Supported by Higher Education Institutions, 2019 - 2022

Uğurlu M., Project Supported by Higher Education Institutions, 2017 - 2019

TUBITAK Project, Bor Katkılı Hidroksiapatit Üretimi Ve Karakterizasyonu, 2014 - 2015

Metrics

Publication: 13

Citation (WoS): 2

Citation (Scopus): 4

H-Index (WoS): 2

H-Index (Scopus): 1