Asst. Prof. DENİZ ÇOBAN ÖZKAN

Personal Information

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International Researcher IDs
ScholarID: BUSoD0MAAAAJ
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Education

Doctorate, Manisa Celal Bayar University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ, Turkey 2015 - 2021
Postgraduate, Manisa Celal Bayar University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ, Turkey 2014 - 2015
Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, Turkey 2008 - 2012

Foreign Languages

English

Dissertations

Doctorate, Design, production and industrial applications of ferroelectric photovoltaic cells, Manisa Celal Bayar University, 2021
Postgraduate, Kaynak cıvata ve somunlarının mikro yapı ve mekanik özelliklerinin incelenmesi, Manisa Celal Bayar University, 2015

Research Areas

Avesis Research Areas: Machine Elements, Machine Design, Material
WoS Research Areas: Materials Science Characterization & Testing

Academic Positions

Assistant Professor, Manisa Celal Bayar University, HASAN FERDİ TURGUTLU TEKNOLOJİ FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ, 2022 - Present
Research Assistant, Manisa Celal Bayar University, HASAN FERDİ TURGUTLU TEKNOLOJİ FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ, 2014 - 2022

Courses

Undergraduate

MAKİNE MÜHENDİSLİĞİ PROJESİ, Undergraduate, 2022-2023
MAKİNE ELEMANLARI, Undergraduate, 2022-2023
MAKİNE ELEMANLARI 1, Undergraduate, 2022-2023
MUKAVEMET, Undergraduate, 2021-2022
KALDIRMA MAKİNALARI, Undergraduate, 2021-2022
MAKİNE ELEMANLARI 2, Undergraduate, 2021-2022
MUKAVEMET 2, Undergraduate, 2021-2022
MUKAVEMET 1, Undergraduate, 2020-2021

Supervised Theses

ÇOBAN ÖZKAN D., Titanyum Alaşımlı Malzemelerin Talaşlı İmalat ile İşleme Parametrelerinin İyileştirilmesi, Postgraduate, Y.KORKMAZ(Student), 2024
ÇOBAN ÖZKAN D., Soğutma Sıvılarının Kesme Parametrelerinin Üzerindeki Etkisinin İncelenmesi, Postgraduate, A.FURKAN(Student), 2024

Articles

I. **Design and production of dye-synthesized solar cells with FTO/TiO2/ferroelectric dye/electrolyte/Pt/FTO architecture**
ÇOBAN ÖZKAN D., TÜRK A., Celik E.
Journal of the Australian Ceramic Society, vol.59, no.3, pp.727-738, 2023 (SCI-Expanded, Scopus)
II. **Synthesis and characterization of sol–gel derived LaFe0.5Mn0.5O3 perovskite powders for dye-sensitized solar cell applications**
ÇOBAN ÖZKAN D., TÜRK A., Çelik E.
Journal of Materials Science: Materials in Electronics, vol.33, no.17, pp.13698-13719, 2022 (SCI-Expanded, Scopus)
III. **Synthesis and characterizations of LaMnO3 perovskite powders using sol–gel method**
ÇOBAN ÖZKAN D., TÜRK A., Celik E.
Journal of Materials Science: Materials in Electronics, vol.32, no.11, pp.15544-15562, 2021 (SCI-Expanded, Scopus)
IV. **Synthesis and characterizations of sol–gel derived LaFeO3 perovskite powders**
ÇOBAN ÖZKAN D., TÜRK A., Çelik E.
Journal of Materials Science: Materials in Electronics, vol.31, no.24, pp.22789-22809, 2020 (SCI-Expanded, Scopus)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **Abrasive wear behaviour of the hardfaced AISI 4140 by different welding methods**
UZUN R. O., AYVAZ M., ÇOBAN ÖZKAN D., ARSLAN D.
INTERNATIONAL IZMIR DEMOCRACY UNIVERSITY ENGINEERING SYMPOSIUM (IES'20), İzmir, Turkey, 05 December 2020, pp.106-113, (Full Text)
II. **Investigation of the Mechanical Characteristics of TIG Welded And Post-Welded Annealed AA6013 Aluminum Alloy**
UZUN R. O., ARSLAN D., ÇOBAN ÖZKAN D., AYVAZ M.
International Engineering Symposium, Turkey, 5 December - 13 October 2020, (Full Text)
III. **Productıon of LaFeO3 nanopowders at low temperature by sol-gel method**
ÇOBAN ÖZKAN D., AKALIN S. A., TÜRK A., ÇELİK E.
5th International Conference on Engineering and Natural Sciences (ICENS 2019), prag, Czech Republic, 12 June 2019, (Full Text)

IV. **Sol-Gel Synthesis And Characterization OfTitanium Dioxide Powder**
ÇOBAN ÖZKAN D., AKALIN S. A., TÜRK A., ÇELİK E.
5TH INTERNATIONAL CONFERENCE ONENGINEERING AND NATURAL SCIENCES, 12 - 16 June 2019, (Full Text)

V. **projection welding and using areas**
ÇOBAN ÖZKAN D., TÜRK A., UZUN R. O.
2. Internatıonal Vocatıonal Scıence Symposıum (IVSS 2018), Antalya, Turkey, 26 April 2018, (Summary Text)

VI. **Ferroelectric Photovoltaic Cells**
TÜRK A., ÇOBAN ÖZKAN D., ÇELİK E.
3rd International Conference on Engineering Technology and Applied Sciences (ICETAS), Skopje, Macedonia, 17 July 2019, pp.163, (Summary Text)

VII. **Bolt types and production with cold forming**
ÇOBAN ÖZKAN D., TÜRK A.
2. Internatıonal Vocatıonal Scıence Symposıum (IVSS 2018), Antalya, Turkey, 26 April 2018, (Summary Text)

VIII. **Ferrolektric Materials**
ÇOBAN ÖZKAN D., TÜRK A., ÇELİK E.
2. Internatıonal Vocatıonal Scıence Symposıum (IVSS 2018), Antalya, Turkey, 26 April 2018, (Summary Text)

IX. **Development of Photovoltaic Cells**
ÇELİK E., ÇOBAN ÖZKAN D., TÜRK A.
7th Global Conference on Global Warming (GCGW-2018), 24 - 28 June 2018, (Full Text)

X. **KAYNAK CIVATA VE SOMUNLARININ MİKRO YAPI VE MEKANİK ÖZELLİKLERİNİN İNCELENMESİ**
ÇOBAN ÖZKAN D.
4th International Conference on Welding Technologies and Exhibition (ICWET'16), Gaziantep, Turkey, 11 - 13 May 2016, (Full Text)

Funded Projects

ÇOBAN ÖZKAN D., SÖNMEZ F., Project Supported by Higher Education Institutions, Nanopartiküllerin Mql Uygulaması İle Frezeleme İşleminde Kullanımının Araştırılması, 2023 - 2024
ÇOBAN ÖZKAN D., TAŞ H., İLMAN M. M., UZUN R. O., Project Supported by Higher Education Institutions, Çelik Malzemelerin Farklı Isıl İşlem Parametreleri İle Elde Edilen Mikro Yapılarının İncelenmesi, 2019 - 2020
TAŞ H., İLMAN M. M., ÇAŞKA S., ÇOBAN ÖZKAN D., AYDIN M., Project Supported by Higher Education Institutions, Makine ve İmalat Mühendisliği Bölümü Öğrencilerinin Üretim ve Kalite Kontrol Yeterlilik Düzeylerinin Geliştirilmesi, 2018 - 2019
ÇOBAN ÖZKAN D., TAŞ H., ÇAŞKA S., İLMAN M. M., AYDIN M., Project Supported by Higher Education Institutions, Makine ve İmalat Mühendisliği Bölümü Öğrencilerinin Üretim ve Kalite Kontrol Yeterlilik Düzeylerinin Geliştirilmesi, 2018 - 2019
ÇOBAN ÖZKAN D., TÜRK A., Project Supported by Higher Education Institutions, Ferroelektrik Fotovoltaik Hücrelerin Dizaynı, Üretilmesi ve Endüstriyel Uygulamaları, 2018 - 2021

Metrics

Publication: 14
Citation (Scopus): 154
H-Index (WoS): 3
H-Index (Scopus): 3

Non Academic Experience

NORM CIVATA SANAYİ ve TİCARET A.Ş., Ürün Mühendisi (yeni ürün devreye alma)