

Lect. YASEMİN YAHŞI

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: HTS-2877-2023

Yoksis Researcher ID: 338101

Education Information

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), Turkey 2019 - Continues

Postgraduate, Ege University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), Turkey 2017 - 2019

Undergraduate, Ege University, Faculty Of Engineering, Makine Mühendisliği Bölümü, Turkey 2011 - 2016

Dissertations

Postgraduate, Magnezyum tozunun mekanik öğütme süresine bağlı olarak sinterlenebilirliğinin deneysel ve istatistiksel araştırılması, Ege University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), 2019

Research Areas

Mechanical Engineering, Construction and Manufacturing, Non-traditional manufacturing methods, Material, Engineering and Technology

Academic Titles / Tasks

Lecturer, Dokuz Eylul University, Bergama Meslek Yüksekokulu, Motorlu Araçlar ve Ulaştırma Teknolojileri Bölümü, 2021 - Continues

Lecturer, Ege University, Faculty Of Engineering, Tekstil Mühendisliği Bölümü, 2019 - 2020

Academic and Administrative Experience

Internship Committee Member, Dokuz Eylul University, Bergama Meslek Yüksekokulu, Motorlu Araçlar ve Ulaştırma Teknolojileri Bölümü, 2022 - Continues

Adaptation/Exemption Committee Member, Dokuz Eylul University, Bergama Meslek Yüksekokulu, Motorlu Araçlar ve Ulaştırma Teknolojileri Bölümü, 2022 - Continues

Meslek Yüksekokulu Kurulu Üyesi, Dokuz Eylul University, Bergama Meslek Yüksekokulu, Motorlu Araçlar ve Ulaştırma Teknolojileri Bölümü, 2022 - Continues

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Dokuz Eylul University, Bergama Meslek Yüksekokulu, Motorlu Araçlar ve Ulaştırma Teknolojileri Bölümü, 2022 - Continues

Assistant Director of Vocational School, Dokuz Eylul University, Bergama Meslek Yüksekokulu, 2022 - Continues

Courses

İş Makineleri 2, Associate Degree, 2021 - 2022
Strength of Materials, Associate Degree, 2022 - 2023
İş Analizi ve Hesabı, Associate Degree, 2021 - 2022
Hydraulic-Pneumatic, Associate Degree, 2022 - 2023
Madenlerde Havalandırma, Emniyet ve Sağlık, Associate Degree, 2021 - 2022
Transport Tekniği, Associate Degree, 2021 - 2022, 2020 - 2021
Motor Bilgisi, Associate Degree, 2022 - 2023, 2020 - 2021
Afet Yönetimi, Associate Degree, 2021 - 2022, 2020 - 2021
Machine Science and Elements, Associate Degree, 2022 - 2023
Gönüllülük Çalışmaları, Associate Degree, 2021 - 2022, 2020 - 2021
Material Technology, Associate Degree, 2022 - 2023, 2021 - 2022
Mühendislik Bilimi, Associate Degree, 2021 - 2022
Temel Bilgi Teknolojileri, Associate Degree, 2021 - 2022
Çevre Koruma, Associate Degree, 2020 - 2021
Associate Degree, 2021 - 2022
Dizel Motorlar Teknolojisi, Associate Degree, 2021 - 2022
Fizik, Associate Degree, 2021 - 2022
İtfaiyecilik ve Yangından Korunma, Associate Degree, 2020 - 2021
Makine Elemanları, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Electroencapsulation of Trans-resveratrol in Nanoparticles Composed of Silk Fibroin and Soluble Eggshell Membrane Protein**
Bayraktar O., Yahsi Y., Köse M. D.
FOOD AND BIOPROCESS TECHNOLOGY, vol.14, no.2, pp.334-351, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effects of Mechanical Milling and FAST Sintering on Mg Powders: Microstructural Analysis and Mechanical Properties**
YAHŞI Y., İPEK R.
GAZI UNIVERSITY JOURNAL OF SCIENCE, 2024 (ESCI)
- II. **Effect Of Ball Milling Time on Microstructural Properties of Mg/MgO**
YAHŞI Y., İPEK R.
Hacettepe Journal of Biology and Chemistry, vol.50, no.3, pp.269-274, 2022 (Peer-Reviewed Journal)
- III. **Investigation of Dry Sliding Wear Behavior of Mg-SiC Alloys Produced by Powder Metallurgy Method**
YAHŞI Y., ASLAN N., GÜLERYÜZ L. F., İPEK R.
Hacettepe Journal of Biology and Chemistry, vol.50, no.3, pp.295-299, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **EFFECTS OF MM TIME OF Mg POWDER ON SINTERING, MICROSTRUCTURE, AND MECHANICAL PROPERTIES OF SAMPLES PRODUCED BY PM TECHNIQUE**
YAHŞI Y., İPEK R.
5. INTERNATIONAL MEDITERRANEAN SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, 20 April 2024,

pp.524-532

- II. **INVESTIGATION OF THE MECHANICAL PROPERTIES AND CORROSION BEHAVIOR OF Mg PRODUCED BY ELECTRIC FIELD ASSISTED SINTERING METHOD**
YAHŞI Y., ÖZÇELİK H., YUŞAN S., AKGÖL S., İPEK R.
5. INTERNATIONAL MEDITERRANEAN SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, 20 April 2024, pp.517-523
- III. **Mechanical And Microstructural Properties Of Mg22al Alloys Fabricated Via Ac-Field Assisted Sintering Technology (Ac-Fast) Under Different Sintering Temperature**
Tekin T., Aydın Ş. M., Yahşi Y., Ferik S., İpek R.
World PM2022, Lyon, France, 9 - 11 November 2022, pp.1-7
- IV. **Effect Of Ball Milling Time on Microstructural Properties of Mg/MgO**
YAHŞI Y., İPEK R.
V.International Ege Composite Materials Symposium 2021, Antalya, Turkey, 04 November 2021
- V. **Investigation of Dry Sliding Wear Behavior of Mg-SiC Alloys Produced by Powder Metallurgy Method**
YAHŞI Y., ASLAN N., GÜLERYÜZ L. F., İPEK R.
V.International Ege Composite Materials Symposium 2021, Antalya, Turkey, 04 November 2021
- VI. **ELECTRO ENCAPSULATION OF RESVERATROL FOR PRESERVING ITS STABILITY**
Yahşi Y., Köse M. D., Bayraktar O.
4th International Conference on Natural and Engineering Sciences, Muğla, Turkey, 09 October 2018
- VII. **EFFECT OF SINTERING TIME ON MECHANICAL PROPERTIES OF Mg/B4C METAL MATRIX COMPOSITES PRODUCED BY HOT PRESSING**
DEMİR Y., YILDIZ F., SALCUK İ., YAHŞI Y., İPEK R.
4. International Ege Composite Materials Symposium, İzmir, Turkey, 08 September 2018
- VIII. **EFFECT OF BALL MILLING TIME ON MICROSTRUCTURAL AND MECHANICAL PROPERTIES OF BIODEGRADABLE MG PREPARED BY HP-PM**
YAHŞI Y., ASLAN N., GÜLERYÜZ L. F., İPEK R.
4. International Ege Composite Materials Symposium, İzmir, Turkey, 06 September 2018
- IX. **SOLUBLE EGGSHELL MEMBRANE PROTEIN NANOPARTICLES FOR BIOACTIVE COMPOSITE MATERIALS**
YAHŞI Y., KÖSE M. D., BAYRAKTAR O.
KOMPEGE IV. International Ege Composite Materials Symposium (6-8 September 2018, İzmir, Turkey), İzmir, Turkey, 06 September 2018
- X. **SILK FIBRION NANOPARTICLES FOR BIOACTIVE COMPOSITE MATERIALS**
KÖSE M. D., BAYRAKTAR O., YAHŞI Y.
KOMPEGE IV. International Ege Composite Materials Symposium (6-8 September 2018, İzmir, Turkey), İzmir, Turkey, 6 - 08 September 2018
- XI. **ELECTRO-ENCAPSULATION OF TRANS-RESVERATROL USING SOLUBLE EGGSHELL MEMBRANE PROTEIN AND SILK FIBROIN**
Yahşi Y., Köse M. D., Bayraktar O.
3th International Conference on Engineering Technology and Applied Sciences Congress (ICETAS 2021), Skopje, Macedonia, 17 September 2018

Supported Projects

Tosun A., Yahşi Y., Tomatır A., Project Supported by Higher Education Institutions, Sanal Gerçeklik Gözlükleri, Simülasyon ve Simülasyon Oyunlarının Forklift Operatörü Eğitiminde Kullanımı: DEU Bergama MYO Örneği, 2023 - 2025

İpek R., Yahşi Y., Yuşan S., Akgöl S., Project Supported by Higher Education Institutions, Fonksiyonel Biyobozunur Nanokristal Magnezyum Esaslı İmplant Malzemesi Geliştirme, 2021 - 2023

Doğanay Ö., TUBITAK Project, Hyperpolarized Xenon-129 Magnetic Resonance Imaging of Pulmonary Diseases, 2019 - 2023

Bayraktar O., TUBITAK Project, Trans-resveratrolün Kararlılığının Artırılması İçin Yumurta Kabuğu Zarı Proteini Ve İpek

Fibroin İçeren Nano-Taşıyıcı Sistemin Elektroenkapsülasyon Yöntemi İle Geliştirilmesi, 2017 - 2019

Patent

Yahşi Y., BİYOPOLİMER TABANLI TAŞIYICI SİSTEM, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2018 14254 , Standard Registration, 2020

Metrics

Publication: 15

Citation (WoS): 6

H-Index (WoS): 1

Scholarships

2211-A Yurt İçi Genel Doktora Burs Programı, TUBİTAK, 2021 - Continues

2232 - Uluslararası Lider Araştırmacılar Programı, TUBİTAK, 2020 - 2020

1001 - Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı, TUBİTAK, 2017 - 2019