

Lect. MEHMET BAYRAK



Personal Information

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International Researcher IDs

ScholarID: bCoOqgMAAAAJ

ORCID: 0000-0002-6101-0427

Publons / Web Of Science ResearcherID: ABD-2356-2020

ScopusID: 57196876579

Yoksis Researcher ID: 263357

Education Information

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Makine Mühendisliği, Turkey
2008 - 2011

Undergraduate, Gazi University, Çorum Mühendislik Fakültesi, Kimya Mühendisliği,
Turkey 2003 - 2008

Dissertations

Postgraduate, Farklı yakıtlar kullanılan buji ateşlemeli bir motorda ateşleme avansının ve sıkıştırma oranının motor performansına ve egzoz emisyonlarına etkisinin incelenmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, 2011

Research Areas

Mechanical Engineering, Energy, Alternative Energy Resources, Engineering and Technology

Academic and Administrative Experience

Birim Kalite Komisyonu Üyesi, Kayseri University, Mustafa Çıkrıkçıoğlu Meslek Yüksekokulu, Elektrik ve Enerji Bölümü,
2021 - Continues

Adaptation/Exemption Committee Member, Kayseri University, Mustafa Çıkrıkçıoğlu Meslek Yüksekokulu, Elektrik ve Enerji Bölümü, 2020 - Continues

Internship Committee Member, Kayseri University, Mustafa Çıkrıkçıoğlu Meslek Yüksekokulu, Elektrik ve Enerji Bölümü,
2018 - Continues

Courses

Associate Degree

HEATING INSTALLATION WORKSHOP INFORMATION-II, Associate Degree, 2023 - 2024, 2022 - 2023
NATURAL GAS INSTALLATION-II, Associate Degree, 2023 - 2024
BACA HESABI VE PROJELENDİRME, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022
FUEL CELL TECHNOLOGY , Associate Degree, 2023 - 2024, 2022 - 2023
SOLAR ENERGY, Associate Degree, 2023 - 2024
İŞ SAĞLIĞI VE GÜVENLİĞİ, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023
ISITMA TESİSATI ATÖLYE BİLGİSİ, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022
İŞ SAĞLIĞI VE GÜVENLİĞİ, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023
GENEL ISI BİLGİSİ, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022
DOĞALGAZ TESİSATI-1, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022
PROFESSIONAL WORK II, Associate Degree, 2022 - 2023
DOĞALGAZ TESİSATI TEKNOLOJİSİ, Associate Degree, 2023 - 2024, 2022 - 2023, 2020 - 2021
ISITMA TESİSATI PLANLAMASI, Associate Degree, 2023 - 2024, 2022 - 2023, 2020 - 2021
MESLEKİ ÇALIŞMA-1, Associate Degree, 2023 - 2024, 2022 - 2023
HEATING INSTALLATION TECHNOLOGY, Associate Degree, 2022 - 2023
DOĞALGAZ TESİSATI TEKNOLOJİSİ, Associate Degree, 2021 - 2022
GÜNEŞ ENERJİSİ İLE KONUT ISITMA, Associate Degree, 2021 - 2022
ELECTRICITY GENERATION WITH WIND ENERGY , Associate Degree, 2019 - 2020
RESIDENTIAL SOLAR HEATING SYSTEMS, Associate Degree, 2019 - 2020
MATHEMATICS I, Associate Degree, 2019 - 2020
RÜZGAR ENERJİSİ İLE ELEKTRİK ÜRETİMİ, Associate Degree, 2019 - 2020
MALZEME BİLGİSİ, Associate Degree, 2017 - 2018
BİLGİSAYARDA HAKEDİŞ UYGULAMALARI, Associate Degree, 2017 - 2018
SIHHİ TESİSAT ATÖLYE BİLGİSİ I, Associate Degree, 2017 - 2018
DOĞALGAZ TESİSATI TEKNOLOJİSİ, Associate Degree, 2017 - 2018
GENEL ISI BİLGİSİ, Associate Degree, 2017 - 2018
SIHHİ TESİSAT TEKNOLOJİSİ, Associate Degree, 2017 - 2018
İŞ SAĞLIĞI VE GÜVENLİĞİ, Associate Degree, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Experimental study on a spark ignition engine fueled by CH₄/H₂ (70/30) and LPG**
AKANSU S. O., Bayrak M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.36, no.15, pp.9260-9266, 2011 (SCI-Expanded)

Papers Published in Refereed Scientific Meetings

- I. **Experimental Study of CH₄/H₂ Mixtures in Internal Combustion Engines**
KAHRAMAN N., CEPER B. A., AKANSU S. O., BAYRAK M.
CTSI Clean Technology and Sustainable Industries Conference and Expo, Clean Technology 2011,
Boston, Massachusetts, United States Of America, 13 June 2011, pp.25-30

Metrics

Publication: 2

Citation (WoS): 14

Citation (Scopus): 15

H-Index (WoS): 1

H-Index (Scopus): 1