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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: F-1411-2018

ScopusID: 57200757147

Yoksis Araştırmacı ID: 268191

Eğitim Bilgileri

Doktora, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Otomotiv Mühendisliği, Türkiye 2018 - Devam Ediyor

Yüksek Lisans, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Otomotiv Mühendisliği, Türkiye 2017 - 2018

Lisans, Çukurova Üniversitesi, Mühendislik-Mimarlık Fakültesi, Otomotiv Mühendisliği, Türkiye 2010 - 2015

Yaptığı Tezler

Yüksek Lisans, Energy and Exergy Analysis of A Proton Exchange Membrane Fuel Cell (PEMFC), Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Otomotiv Mühendisliği, 2018

Araştırma Alanları

Enerji, Yenilenebilir Enerji, Makina Mühendisliği, Enerji, Alternatif Enerji Kaynakları, Hidrojen teknolojileri ve yakıt hücreleri, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Araştırma Görevlisi, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Otomotiv Mühendisliği, 2017 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. Effects of hydrogen addition into liquefied petroleum gas reductant on the activity of Ag-Ti-Cu/Cordierite catalyst for selective catalytic reduction system**
Keskin Z., ÖZGÜR T., ÖZARSLAN H., YAKARYILMAZ A. C.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.46, sa.10, ss.7634-7641, 2021 (SCI-Expanded)
- II. A review: Exergy analysis of PEM and PEM fuel cell based CHP systems**
ÖZGÜR T., YAKARYILMAZ A. C.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.43, sa.38, ss.17993-18000, 2018 (SCI-Expanded)
- III. Thermodynamic analysis of a Proton Exchange Membrane fuel cell**
ÖZGÜR T., YAKARYILMAZ A. C.

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.43, sa.38, ss.18007-18013, 2018 (SCI-Expanded)

- IV. **Investigation the Fuel Properties of Apricot Kernel Biodiesel and Diesel-Biodiesel Fuel Blends**
ÖZGÜR C., YAKARYILMAZ A. C., TOSUN E., AKAR M. A., ÖZGÜR T.
JOURNAL OF BIOTECHNOLOGY, cilt.208, ss.30, 2018 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **NO_x emission reduction through selective catalytic reduction using copper-based Y zeolite catalyst: experimental investigation and characterization**
Yakaryılmaz A. C., Özgür T.
International Journal of Automotive Engineering and Technologies, cilt.13, sa.3, ss.84-90, 2024 (Hakemli Dergi)
- II. **Evaluation of Lithium-ion Batteries in Electric Vehicles**
Tosun E., Keyinci S., Yakaryılmaz A. C., Yıldızhan Ş., Özcanlı M.
International Journal of Automotive Science and Technology, cilt.8, sa.3, ss.332-340, 2024 (Hakemli Dergi)
- III. **Development of a prototype hydrogen vehicle**
Yakaryılmaz A. C., Yıldızhan Ş., Aktaş A. E., Baş O., Tosun E., Özgür T., Aydın K.
International Journal of Automotive Engineering and Technologies, cilt.9, sa.4, ss.190-195, 2020 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **NO_x Reduction Performance of Zn-Cu/TiO₂ and P-Zn-Cu/TiO₂ Catalysts for HC-SCR System at Low Temperatures**
Özarlan H., Yakaryılmaz A. C.
IV. INTERNATIONAL SIIRT CONFERENCE ON SCIENTIFIC RESEARCH, Siirt, Türkiye, 17 - 18 Kasım 2023, ss.891-898
- II. **Characterization and low-temperature DeNO_x Performance of Copper-based Y-Zeolite Catalyst for Selective Catalytic Reduction System**
YAKARYILMAZ A. C., KESKİN A., ÖZGÜR T.
7th International Mediterranean Science and Engineering Congress (IMSEC 2022), Antalya, Türkiye, 24 Ekim 2022, ss.178
- III. **Recent Advances in NO_x Abatement Performance of Copper-Based Zeolite Catalysts in Hydrocarbon Selective Catalytic Reduction Systems**
Yakaryılmaz A. C., Özgür T.
6th International Mediterranean Science and Engineering Congress (IMSEC 2021), Antalya, Türkiye, 25 - 27 Ekim 2021, ss.654-656
- IV. **Effects of higher alcohol addition to diesel fuel on emission and performance characteristics of compression ignition engine: An overview**
YAKARYILMAZ A. C., TOSUN E., ÖZGÜR T.
5th International Mediterranean Science and Engineering Congress (IMSEC 2020), Antalya, Türkiye, 21 - 23 Ekim 2020
- V. **Performance And Emission Characteristics Of A Diesel Engine Equipped With A Dual Renewable Oxyhydrogen (HHO) Gas Generation System**
YAKARYILMAZ A. C., ÖZGÜR T., ÖZCANLI M.
5th International Mediterranean Science and Engineering Congress (IMSEC 2020), Antalya, Türkiye, 21 - 23 Ekim 2020
- VI. **Addition of hydrogen into LPG reductant in SCR system with Ag-Ti-Cu/Al₂O₃ catalyst**
ÖZARSLAN H., YAKARYILMAZ A. C., ÖZGÜR T., KESKİN A.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), 25 - 27 Nisan 2019, ss.1110
- VII. **Investigation the fuel properties of apricot kernel biodiesel and diesel-biodiesel fuel blends**
Ozgur C., YAKARYILMAZ A. C., TOSUN E., AKAR M. A., ÖZGÜR T.

European Biotechnology Congress, Athens, Yunanistan, 26 - 28 Nisan 2018, cilt.280

VIII. **Energy and Exergy Analysis of 1 kW Self-humidified PEM Fuel Cell**

ÖZGÜR T., YAKARYILMAZ A. C., TOSUN E., AKAR M. A., ÖZCANLI M.

3rd International Hydrogen Technologies Congress, Antalya, Türkiye, 15 - 18 Mart 2018, ss.106

IX. **Thermodynamic Analysis of a Proton Exchange Membrane Fuel Cell**

ÖZGÜR T., YAKARYILMAZ A. C.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Türkiye, 25 - 27 Ekim 2017, ss.2296

X. **A review of exergy analysis of both PEM fuel cells and CHP systems based on PEM fuel cell**

ÖZGÜR T., YAKARYILMAZ A. C.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Türkiye, 25 - 27 Ekim 2017, ss.2295

Desteklenen Projeler

ÖZGÜR T., YAKARYILMAZ A. C., TOSUN E., Yükseköğretim Kurumları Destekli Proje, Proton Değişim Membranlı Yakıt Pili'nin Enerji ve Ekserji Analizi, 2018 - 2019

Metrikler

Yayın: 18

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Atıf (Scopus): 57

H-İndeks (WoS): 2

H-İndeks (Scopus): 2