

Dr. Öğr. Üyesi TURGAY KAR

Kişisel Bilgiler

İş Telefonu: [+90 0462 377 4277](tel:+9004623774277) Dahili: 4277

Web: <https://avesis.ktu.edu.tr/turgaykar>

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Fast Pyrolysis of Tea Bush, Walnut Shell, and Pine Cone Mixture: Effect of Pyrolysis Parameters on Pyrolysis Crop Yields**
KAR T., Kaygusuz Ö., Güney M. Ş., CÜCE E., KELEŞ S., Shaik S., Owolabi A. B., Nsafon B. E. K., Ogunsua J. M., Huh J. SUSTAINABILITY, cilt.15, sa.18, 2023 (SCI-Expanded)
- II. **Carbonized waste hazelnut wood-based shape-stable composite phase change materials for thermal management implementations**
HEKİMOĞLU G., SARI A., Kar T., KELEŞ S., KAYGUSUZ K., YILDIRIM N., Tyagi V. V., Sharma R. K., Saleh T. A. INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.45, sa.7, ss.10271-10284, 2021 (SCI-Expanded)
- III. **Walnut shell derived bio-carbon/methyl palmitate as novel composite phase change material with enhanced thermal energy storage properties**
HEKİMOĞLU G., SARI A., Kar T., KELEŞ S., KAYGUSUZ K., Tyagi V., Sharma R., Al-Ahmed A., Al-Sulaiman F. A., Saleh T. A. JOURNAL OF ENERGY STORAGE, cilt.35, 2021 (SCI-Expanded)
- IV. **Characterisation of bio-oil and its sub-fractions from catalytic fast pyrolysis of biomass mixture**
Kar T., KELEŞ S. WASTE MANAGEMENT & RESEARCH, cilt.37, sa.7, ss.674-685, 2019 (SCI-Expanded)
- V. **Comparison of catalytic and noncatalytic pyrolysis and product yields of some waste biomass species**
Kar T., KELEŞ S., KAYGUSUZ K. INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.43, sa.6, ss.2032-2043, 2019 (SCI-Expanded)
- VI. **Catalytic fast pyrolysis of hazelnut cupula: Characterization of bio-oil**
KELEŞ S., Kar T., AKGUN M., KAYGUSUZ K. ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, cilt.39, sa.24, ss.2216-2225, 2017 (SCI-Expanded)
- VII. **Fast pyrolysis of chestnut cupulae: yields and characterization of the bio-oil**
Kar T., KELEŞ S. ENERGY EXPLORATION & EXPLOITATION, cilt.31, sa.6, ss.847-858, 2013 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Fast pyrolysis of fig leaves: influence of pyrolysis parameters and characterization of bio-oil**
KAR T., KELEŞ S., EMİR Z., KAYGUSUZ K. Turkish Journal of Analytical Chemistry (Online), cilt.4, sa.2, ss.80-87, 2022 (Hakemli Dergi)
- II. **Hydrogen production from renewables: Biomass**
Kar T., Keleş S. Journal of Engineering Research and Applied Science, cilt.8, sa.2, ss.1279-1285, 2019 (Hakemli Dergi)
- III. **Renewable energy from woody biomass in Turkey**

KELEŞ S., KAR T., BAHADIR A., KAYGUSUZ K.

Journal of Engineering Research and Applied Science, cilt.6, sa.2, ss.652-661, 2017 (Hakemli Dergi)

IV. **Bio-oil production from fast pyrolysis of maple fruit (acer platanoides samaras): product yields**

Bahadır A., Kar T., KELEŞ S., KAYGUSUZ K.

WORLD JOURNAL OF ENGINEERING, cilt.14, sa.1, ss.55-59, 2017 (ESCI)

V. **Environmental impacts of biomass combustion for heating and electricity generation**

KAR T., KELEŞ S.

Journal of Engineering Research and Applied Science, sa.2, ss.458-465, 2016 (Hakemli Dergi)

VI. **Clean energy in Turkey for climate change mitigation**

KAR T., BAHADIR A.

Journal of Engineering Research and Applied Energy, 2016 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **Characterization of bio-char samples obtained from biomass lignite co-gasification**

KAR T.

6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023) October 11-13, 2023. www.EurasianBioChem.or, Ankara, Türkiye, 11 - 13 Ekim 2023, ss.399

II. **Biomass-lignite gasification; analysis of liquid by-products**

KAR T., CÜCE E., KAYGUSUZ K., ULAŞ ÇOLAK N.

5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022) November 23-25, 2022. www.EurasianBioChem.org, Türkiye, 23 - 25 Kasım 2022, ss.470

III. **Effect of Temperature and Heating Rate on Catalytic Fast Pyrolysis of Walnut Shell and the Cobalt Catalyst Effect on Energy Content**

KAR T., KELEŞ S.

3rd Bioenergy Studies Symposium, Türkiye, 20 - 21 Mayıs 2021

IV. **Catalytic Fast Pyrolysis of Some Bio-Wastes with Vanadium Oxide Catalyst**

KAR T., KELEŞ S., KAYGUSUZ K.

International Conference on Chemical Energy Semiconductor Photochemistry, Trabzon, Türkiye, 4 - 06 Eylül 2019, ss.61

V. **Catalytic Cracking and ZSM-5 Zeolite**

KAR T., KELEŞ S., KAYGUSUZ K.

International Conference on Chemical Energy Semiconductor Photochemistry, Trabzon, Türkiye, 4 - 06 Eylül 2019, ss.60

VI. **Hydrogen Production From Renewable Energy Sources**

KAYGUSUZ K., KAR T., KELEŞ S.

International Conference on Chemical Energy Semiconductor Photochemistry, Trabzon, Türkiye, 4 - 06 Eylül 2019, ss.30-48

VII. **Thermal Conversion of Biomass**

KAR T., KELEŞ S., KAYGUSUZ K.

EurasianBioChem 2018, Ankara, Türkiye, 26 - 27 Nisan 2018, ss.84

VIII. **Characterization of Bio-Oil from the Catalytic Fast Pyrolysis of Hazelnut Cupula**

KELEŞ S., KAR T., KAYGUSUZ K.

International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Türkiye, 26 - 27 Nisan 2018, ss.644

IX. **Türkiye ve Dünyadaki Enerji Kaynaklarının Genel Görünümü**

KAR T., KELEŞ S., KAYGUSUZ K.

23rd International Energy and Environment Fair and Conference, İstanbul, Türkiye, 3 - 05 Mayıs 2017, ss.82-86

X. **Fosil Yakıt Kullanımının Etkileri ve Fosil Yakıtlara Alternatif Yenilenebilir Enerji Kaynakları**

KAR T., KELEŞ S., KAYGUSUZ K.

23rd International Energy and Environment Fair and Conference, İstanbul, Türkiye, 3 - 05 Mayıs 2017, ss.87-90

XI. Biomass Combustion

KAR T., KELEŞ S., KAYGUSUZ K.

22nd International Energy and Environment Fair and Conference, İstanbul, Türkiye, 27 - 29 Nisan 2016, ss.137-142

XII. Hydrothermal Biomass Processing

KAR T., KELEŞ S., KAYGUSUZ K.

22nd International Energy and Environment Fair and Conference, İstanbul, Türkiye, 27 - 29 Nisan 2016, ss.143-147

XIII. Energy Consumption in Turkey

KAR T., KELEŞ S., BAHADIR A., AKGÜN M., KAYGUSUZ K.

17th International Energy and Environment Fair and Conference, İstanbul, Türkiye, 24 - 26 Nisan 2011

Metrikler

Yayın: 35

Atf (WoS): 151

Atf (Scopus): 165

H-İndeks (WoS): 6

H-İndeks (Scopus): 6