



## ARŞ. GÖRNERGİZ ÜLKER

### Kişisel Bilgiler

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Birimi : Enerji

Dahili :

### Makaleler (YOKSIS)

- 1 A foresight study on the geopolitical vulnerabilities of the rare earth supply chain in securing green hydrogen**  
HİLALİ İSMAİL, İLKHAN MEHMET AKİF, ÜLKER NERGİZ  
Environmental Earth Sciences, <https://doi.org/10.1007/s12665-026-12907-3>
- 2 Comparative study on the effect of surface-modified nanoparticles on PCM for solar energy applications**  
ÜLKER NERGİZ, BULUT HÜSAMETTİN, DEMİRCAN GÖKHAN  
Journal of Thermal Analysis and Calorimetry, <https://doi.org/10.1007/s10973-024-13627-1>
- 3 Cooling of PV Panels with Earth–Air Heat Exchanger and Novelty Designed Plenums: An Experimental Study**  
BULUT HÜSAMETTİN, AKAGÜNDÜZ Mahmut Umut, SANCAR İBRAHİM, ÜLKER NERGİZ  
Arabian Journal for Science and Engineering, <https://doi.org/10.1007/s13369-026-11151-y>
- 4 Effects of Nano Graphene and Nano Hexagonal Boron Nitride on the Thermal and Structural Properties of Fatty Acid Based Green Eutectic PCM**  
ÜLKER NERGİZ, BULUT HÜSAMETTİN, DEMİRCAN GÖKHAN, KILIÇ AHMET  
Journal of Cluster Science, <https://doi.org/10.1007/s10876-025-02969-x>
- 5 Hava Ön Isıtma ve Hava Hızının Havalı Güneş Kollektörünün Isıl Performansına Etkisi**  
ÜLKER NERGİZ, BULUT HÜSAMETTİN  
Fırat Üniversitesi Mühendislik Bilimleri Dergisi, <https://doi.org/10.35234/fumbd.1530113>
- 6 Parafine Eklenen Farklı Nanopartiküllerin Isıl Performans Üzerine Etkisinin Deneysel Olarak İncelenmesi**  
ÜLKER NERGİZ, BULUT HÜSAMETTİN, DEMİRTAŞ YUNUS, DEMİRCAN GÖKHAN  
Harran Üniversitesi Mühendislik Dergisi, <https://doi.org/10.46578/humder.739344>
- 7 The effect of modified graphene nanoplatelet on the thermal properties of paraffin wax: an experimental study**  
ÜLKER NERGİZ, BULUT HÜSAMETTİN, DEMİRCAN GÖKHAN

- 7 Sādhanā,<https://doi.org/10.1007/s12046-025-02954-0>
- 8 **The hydrogen perspective for Türkiye, which is on the Asia-Europe energy transition route. Can Türkiye become hydrogen hub?**  
HİLALİ İSMAİL, IŞIKER YUSUF, ÜLKER NERGİZ  
International Journal of Hydrogen Energy,<http://dx.doi.org/10.1016/j.ijhydene.2023.12.247>
- 9 **Thermal Performance of Paraffin Enhanced With Fe<sub>3</sub>O<sub>4</sub> and CuO Microparticles in Solar Air Heaters**  
ÜLKER NERGİZ,BULUT HÜSAMETTİN,DAŞ RUKEN  
Energy Storage,<https://doi.org/10.1002/est2.70128>

## **Bildiriler (YOKSIS)**

- 1 **Design Of Innovative and Sustainable Housing and Its Combination with Multifunctional Architectural Approaches for Earthquake And/or Disaster Areas**  
DOĞAN EDA,HİLALİ İSMAİL,ÜLKER NERGİZ  
12th Global Conference on Global Warming , <https://gcgw2024.harran.edu.tr/GCGW-2024-Proceedings%20Book-V2.2.pdf>
- 2 **Experimental Investigation of Thermal Energy Storage Performance of Micro-CuO Doped Paraffin in Solar Air Collectors**  
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12th Global Conference on Global Warming , <https://gcgw2024.harran.edu.tr/GCGW-2024-Proceedings%20Book-V2.2.pdf>
- 3 **Nanopartikül Katkılı Parafinde Çökelme Durumunun Enerji Depolamaya Etkisinin İncelenmesi**  
ÜLKER NERGİZ, BULUT HÜSAMETTİN, DEMİRTAŞ YUNUS, DEMİRCAN GÖKHAN  
International Eurasia Congress on Scientific Researches and Recent Trends-VII ,