

Res. Asst. ESMA ÇAKIR

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: KJL-3429-2024

Yoksis Researcher ID: 408073

Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, Turkey 2024 - Continues

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2020 - 2024

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, Turkey 2016 - 2020

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Composites

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2024 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Hazelnut shell-based activated carbon/carbon nanotubes/palmityl alcohol as new form-stable phase change material with enhanced energy storage capacity and thermal conductivity**
Gu X., Huseien G. F., KAR T., SARI A., Karaahmet Z., Gencel O., HEKİMOĞLU G., ÇAKIR E.
Journal of Energy Storage, vol.103, 2024 (SCI-Expanded)
- Shape stabilized microcrystalline cellulose/methyl stearate/graphene nanoplatelet composite with enriched thermal conductivity and thermal energy storage/release performance**
HEKİMOĞLU G., Çakır E., SARI A., Gencel O., Tyagi V., Sharma R.
CELLULOSE, vol.30, no.16, pp.10199-10214, 2023 (SCI-Expanded)

Supported Projects

Köse Demirel G., Temiz A., Sarı A., Aslan M., Yıldırım İ., Çakır E., H2020 Project, BioBased Phase Changes Materials in Lignocellulose Matrix for Energy Store in Buildings. ERA-NET Smart Energy Systems , 2020 - 2023

Metrics

Publication: 2

Citation (WoS): 2

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 1