

## Res. Asst. ALİCAN AKGÜL

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAJ-4493-2021

ScopusID: 57221780905

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### Research Areas

Renewable Energy Systems

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Mechanical Engineering, 2020 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Biochar gasification: Insights from pyrolysis atmospheres and gasification heating rates**  
AKGÜL A., Akın S. Ş., Güleç F., KAZANÇ ÖZERİNÇ F.  
FUEL, vol.360, 2024 (SCI-Expanded)
- II. **Sodium salt surface interactions affect single particle combustion behavior of biomass, coal, and their chars**  
Akın S. Ş., AKGÜL A., KAZANÇ ÖZERİNÇ F.  
Fuel, vol.354, 2023 (SCI-Expanded)
- III. **Characterization of tars from recycling of PHA bioplastic and synthetic plastics using fast pyrolysis**  
AKGÜL A., Palmeiro-Sanchez T., Lange H., Magalhaes D., Moore S., Paiva A., KAZANÇ ÖZERİNÇ F., Trubetskaya A.  
Journal of Hazardous Materials, vol.439, 2022 (SCI-Expanded)
- IV. **Interactions during CO<sub>2</sub>Co-gasification of biomass and coal chars obtained from fast pyrolysis in a drop tube furnace**  
Magalhães D., Akgül A., Kazanç Özerinç F., Costa M.  
Energy and Fuels, vol.35, no.9, pp.7065-7076, 2021 (SCI-Expanded)

### Metrics

Publication: 4

Citation (WoS): 16

Citation (Scopus): 17

H-Index (WoS): 2

H-Index (Scopus): 2