

## Res. Asst. MEHMET SONER YAŞAR

### Personal Information

Office Phone: [+90 312 210 4391](tel:+903122104391)

Email: [msoner@metu.edu.tr](mailto:msoner@metu.edu.tr)

Web: <https://avesis.metu.edu.tr/msoner>

### International Researcher IDs

ScholarID: YqYgPPwAAAAJ

ORCID: 0000-0003-1939-1278

Publons / Web Of Science ResearcherID: ABA-4243-2020

ScopusID: 57190933926

Yoksis Researcher ID: 275576

### Research Areas

Fuels and Combustion Technology, Engineering and Technology

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

- I. **Coupling of spectral thermal radiation model with a comprehensive system model for co-combustion of biomass in bubbling fluidized bed**  
YAŞAR M. S., SELÇUK N., KÜLAH G.  
Fuel, vol.333, 2023 (SCI-Expanded)
- II. **<p>Performance and validation of a radiation model coupled with a transient bubbling fluidized bed combustion model</p>**  
YAŞAR M. S., SELÇUK N., KÜLAH G.  
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.176, 2022 (SCI-Expanded)
- III. **Influence of bag filter ash to spectral thermal radiation in fluidized bed combustors Co-Fired with biomass**  
YAŞAR M. S., SELÇUK N., KÜLAH G.  
International Journal of Thermal Sciences, vol.167, 2021 (SCI-Expanded)
- IV. **Influence of soot on radiative heat transfer in bubbling fluidized bed combustors**  
YAŞAR M. S., SELÇUK N., KÜLAH G.  
Journal of Quantitative Spectroscopy and Radiative Transfer, vol.270, 2021 (SCI-Expanded)
- V. **Performance of banded SLW-1 in presence of non-gray walls and particles in fluidized bed combustors**  
YAŞAR M. S., Ozen G., SELÇUK N., KÜLAH G.  
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.257, 2020 (SCI-Expanded)
- VI. **Assessment of improved banded model for spectral thermal radiation in presence of non-gray particles in fluidized bed combustors**  
YAŞAR M. S., Ozen G., SELÇUK N., KÜLAH G.  
APPLIED THERMAL ENGINEERING, vol.176, 2020 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

## **I. MODELLING OF FBC OF LIGNITE WITH HIGH NITROGENCONTENT COTTON RESIDUE**

Yaşar M. S., Selçuk N., K lah G.

11th Mediterranean Combustion Symposium, Tenerife, Spain, 16 - 20 June 2019

### **Metrics**

Publication: 7

Citation (WoS): 13

Citation (Scopus): 22

H-Index (WoS): 2

H-Index (Scopus): 3