

Res. Asst. MERT TÜKEL

Personal Information

Email: mert.tukel@kocaeli.edu.tr

Education Information

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2004 - 2008

Undergraduate, Dokuz Eylül University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1998 - 2002

Research Areas

Fluid Mechanics, Heat and Mass Transfer, Computational fluid dynamics, Thermal Systems

Academic Titles / Tasks

Research Assistant, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 2009 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Reclassification of climatic zones for building thermal regulations based on thermoeconomic analysis: A case study of Turkey**
TÜKEL M., TUNÇBİLEK E., Komerska A., Keskin G. A. , ARICI M.
Energy and Buildings, vol.246, 2021 (Journal Indexed in SCI)
- II. **Is the thermal transmittance of air-filled inclined multi-glazing windows similar to that of vertical ones?**
Arıcı M., Tükel M., Yıldız Ç., Li D., Karabay H.
ENERGY AND BUILDINGS, vol.229, 2020 (Journal Indexed in SCI)
- III. **Analysis of fluid flow and heat transfer characteristics in multiple glazing roofs with a special emphasis on the thermal performance**
TÜKEL M., MUMCUOĞLU K., ARICI M., KARABAY H.
APPLIED THERMAL ENGINEERING, vol.148, pp.694-703, 2019 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of Economically Advantageous Locations for Optimum Insulation Thickness in Turkey Considering Heating and Cooling Loads Together**
TÜKEL M., ARICI M., KARABAY H.
4th Anatolian Energy Symposium with International Participation, 4th Anatolian Energy Symposium, Edirne, Turkey, 18 - 20 April 2018

Citations

Total Citations (WOS):35

h-index (WOS):3