

## Res. Asst. YAŞARATA KORKMAZ

### Personal Information

**Email:** [ykorkmaz@ankara.edu.tr](mailto:ykorkmaz@ankara.edu.tr)

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### International Researcher IDs

ORCID: 0009-0008-8858-9898

Yoksis Researcher ID: 411371

### Education Information

Postgraduate, Gazi University, Mühendislik Fakültesi, Makina Mühendisliği, Turkey 2023 - Continues

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, Turkey 2019 - 2023

### Foreign Languages

English, C2 Mastery

### Research Areas

Alternative Energy Resources, Fuels and Combustion, Internal Combustion Engines, Computational fluid dynamics

### Academic Titles / Tasks

Research Assistant, Ankara University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2024 - Continues

### Articles Published in Other Journals

- 0/1 Dimensional Simulation of Combustion Timing Effects on Performance and Emissions in a Methane-Hydrogen Fueled Engine**  
Aktaş F., Korkmaz Y., Kethudaoglu G.  
International Journal of Automotive Science and Technology, vol.9, pp.114-120, 2025 (Peer-Reviewed Journal)

### Supported Projects

TUBITAK Project, Experimental and Numerical Investigation of the Effects of Different Fuel Mixtures and Engine Operation Conditions on Engine Performance and Exhaust Emissions in an HCCI Converted Engine, 2022 - 2025

### Metrics

Publication: 1