

## Res. Asst. HÜSEYİN CAN ÖNEL

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: P-3263-2014

ScopusID: 57219380515

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### Research Areas

Aeronautical and Space Engineering

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

- I. **Investigation of wind turbine wakes and wake recovery in a tandem configuration using actuator line model with LES**  
ÖNEL H. C., TUNCER İ. H.  
Computers and Fluids, vol.220, 2021 (SCI-Expanded)
- II. **A comparative study of wake interactions between wind-aligned and yawed wind turbines using LES and actuator line models**  
ÖNEL H. C., TUNCER İ. H.  
Journal of Physics: Conference Series, vol.1618, 2020 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Estimation of Wake Induced Power Loss in Wind Turbines Using Actuator Line Model**  
ÖNEL H. C., TUNCER İ. H.  
AIAA AVIATION 2020 FORUM, Nevada, United States Of America, 15 - 19 June 2020
- II. **OPENFOAM SIMULATION OF DUAL IN-LINE WIND TURBINES BASED ON ACTUATOR LINE**  
ÖNEL H. C., TUNCER İ. H.  
10th ANKARA INTERNATIONAL AEROSPACE CONFERENCE, 18 - 20 September 2019
- III. **WIND FIELD SIMULATION IN A WIND FARM USING OPENFOAM AND ACTUATOR LINE MODEL**  
ÖNEL H. C., TUNCER İ. H.  
31. International Conference on Parallel Computational Fluid Dynamics, 14 - 17 May 2019

### Metrics

Publication: 6

Citation (WoS): 5

Citation (Scopus): 30

H-Index (WoS): 1

H-Index (Scopus): 2