Res. Asst. MENAL İLHAN CHANBAZ

Personal Information

Email: menal.ilhan@cbu.edu.tr
Web: https://avesis.mcbu.edu.tr/menal.ilhan

International Researcher IDs
ScholarID: jSgrNigAAAAJ
ORCID: 0000-0002-6082-5931
Publons / Web Of Science ResearcherID: FCC-6370-2022
ScopusID: 57208125090
Yoksis Researcher ID: 282207

Education

Doctorate, Izmir Katip Celebi University, Turkey 2020 - Present
Postgraduate, Izmir Katip Celebi University, Turkey 2016 - 2019
Undergraduate, Ege University, Turkey 2011 - 2016

Foreign Languages

English

Dissertations

Postgraduate, Aerodynamic design of a novel low pressure compression system for variable-speed micro turbofan, Izmir Katip Celebi University, 2019

Research Areas

Avesis Research Areas: Mechanical Engineering
WoS Research Areas: Engineering
Scopus Research Areas: Mechanical Engineering, Renewable Energy, Sustainability and the Environment, Fluid Flow and Transfer Processes

Academic Positions

Research Assistant, Manisa Celal Bayar University, 2018 - Present

Articles

I. **Unified low-pressure compressor concept for engines of future high-speed micro-unmanned aerial vehicles**

Ilhan M., Gurbuz M. T., Acarer S.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART G-JOURNAL OF AEROSPACE ENGINEERING, vol.233, no.14, pp.5264-5281, 2019 (SCI-Expanded, Scopus)

II. **Investigation of radial turbines for wind energy harvesting**
Gürbüz M. T., İlhan M., Acarer S., Karadeniz Z. H.
Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, vol.233, no.5, pp.659-672, 2019 (SCI-Expanded, Scopus)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **Adaptive Cycle Micro Turbofan Engine**
Palman M., Leizeronok B., Miezner R., Çukurel B., Andreoli V., Vyas U., Paniagua G., GÜRBÜZ M. T., İLHAN M., ACARER S.
ASME Turbo Expo 2019, Phoenix, Arizona, United States Of America, 17 - 21 June 2019

II. **Dimensioning and economic analysis of a grid-independent PV system for a standard housing**
Başaran K., Bahar E. M., İlhan M., Topbaş İ. S.
International Symposium for Environmental Science and Engineering Research, Konya, Turkey, 25 - 27 May 2019, pp.480-486, (Full Text)

III. **Magnus Etkisi ile Çalışan Model İHA Tasarımı, Simülasyonları ve İmalatı**
Kırmızıgöl S. F., Gürbüz M. T., İLHAN M., ACARER S.
VII. Ulusal Havacılık ve Uzay Konferansı (UHUK), Samsun, Turkey, 12 - 14 September 2018, (Full Text)

IV. **Radyal türbin mimarisinin rüzgar enerjisi alanında kullanımının doğrulanmış sayısal akış benzetimleri ile incelenmesi**
İLHAN M., GÜRBÜZ M. T., ACARER S., KARADENİZ Z. H.
21. Ulusal Isı Bilimi ve Tekniği Kongresi, Turkey, 13 - 16 September 2017, pp.852-861, (Full Text)

Funded Projects

BAYSAL E., ARSLAN N., BAHAR E. M., İLHAN CHANBAZ M., SOLMAZ Ö., AKSOY A. B., BAŞARAN K., Project Supported by Higher Education Institutions, BAP Infrastructure, Enerji Alanında Uygulamalı Eğitim Modelinin Oluşturulması, 2018 - 2020

Metrics

Publication: 6
Citation (WoS): 11
Citation (Scopus): 14
H-Index (WoS): 2
H-Index (Scopus): 2