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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Sivil Havacılık Anabilim Dalı, Turkey 2018 - 2024

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Sivil Havacılık Anabilim Dalı, Turkey 2015 - 2018

Undergraduate, Erciyes University, Sivil Havacılık Yüksekokulu, Uçak Gövde-Motor, Turkey 2010 - 2015

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, HUMAN FACTOR TRAINING FOR MAINTENANCE STAFF (INITIAL, COMPATIBLE WITH MODULE 9), TURKISH AIRLINES TECHNIC INC. , 2021

Dissertations

Postgraduate, SiC PARÇACIK TAKVİYELİ AL MATRİSLİ KOMPOZİTLERİN DEĞİŞKEN YÜKLER ALTINDA YORULMA DAVRANIŞLARI, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Sivil Havacılık Anabilim Dalı, 2018

Research Areas

Fuels and Combustion, Thermal Systems, Aeronautical and Space Engineering, Aeronautical Engineering, Material Technologies, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Erciyes University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Fatigue crack growth rate and propagation mechanisms of SiC particle reinforced Al alloy matrix composites**
KARCI A., ERTURUN V., Cakir E., ÇAM Y.
AIRCRAFT ENGINEERING AND AEROSPACE TECHNOLOGY, vol.96, no.2, pp.185-192, 2024 (SCI-Expanded)
- II. **N₂ and Ar dilution on the premixed biogas jet flame under external acoustic enforcement**
ALABAŞ B., YILMAZ İ., ÇAM Y.
Propulsion and Power Research, vol.12, no.4, pp.486-504, 2023 (SCI-Expanded)
- III. **Effect of N₂ dilution on combustion instabilities and emissions in biogas flame**
YILMAZ İ., ÇAM Y., ALABAŞ B.
FUEL, vol.308, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Fatigue Crack Behaviour of Silicon Carbide Reinforced Aluminum Matrix Composites Under Single Overloads**
Çam Y., Karcı A.
Academic Perspective Procedia, vol.2, no.3, pp.994-1007, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **EFFECT OF N₂ DILUTION ON EMISSION AND COMBUSTION INSTABILITIES FOR A BIOGAS MIXTURE USED IN INDUSTRIAL SYSTEMS**
Çam Y., Alabaş B., Yılmaz İ.
15th INTERNATIONAL COMBUSTION SYMPOSIUM, Kayseri, Turkey, 17 - 19 September 2020
- II. **Fatigue Crack Behaviour of Silicon Carbide Reinforced Aluminum Matrix Composites Under Single Overloads**
Çam Y., Karcı A.
7. ULUSLARARASI MÜHENDİSLİK VE BİLİM ALANINDA YENİLİKÇİ TEKNOLOJİLER SEMPOZYUMU, Şanlıurfa, Turkey, 22 - 24 November 2019, vol.2, no.3, pp.994-1007

Supported Projects

KARCI A., CAM Y., Project Supported by Higher Education Institutions, SiC parçacık takviyeli alüminyum matrisli kompozitlerin tek aşırı yük altında yorulma davranışı, 2016 - 2018

Scientific Refereeing

International Journal of Engineering Research and Development, Other journals, April 2022

Scientific Research / Working Group Memberships

Yanma Araştırma Grubu, Erciyes University, Turkey, <https://avesis.erciyes.edu.tr/arastirma-grubu/comclaberu>, 2021 -

Continues

Metrics

Publication: 6

Citation (WoS): 11

Citation (Scopus): 13

H-Index (WoS): 1

H-Index (Scopus): 1