



# ALİ KÜRŞAD ARICIOĞLU

## RES. ASST.

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### International Researcher IDs

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## Learning Knowledge

Doctorate  
2022 - Continues

Akdeniz University, Institute of Science, Makine Mühendisliği, Turkey

Doctorate  
2021 - 2022

Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği, Turkey

Postgraduate  
2019 - 2021

Pamukkale University, Institute Of Science, Makine Mühendisliği, Turkey

Undergraduate  
2011 - 2017

Pamukkale University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Postgraduate, Termoelektrik jeneratör kullanılarak elde edilen elektrik enerjisinin farklı boyutlardaki termoelektrik soğutucularda kullanılması, Pamukkale University, Institute Of Science, Makine Mühendisliği, 2021

## Academic Titles / Tasks

Research Assistant  
2022 - Continues

Akdeniz University, Faculty of Engineering, Department of Mechanical Engineering

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

1. **Different-sized thermoelectric cooler modules operated by a thermoelectric generator system**  
ARICIOĞLU A. K., YAKAR G., GÜRCAN A.  
Numerical Heat Transfer; Part A: Applications, 2023 (SCI-Expanded)

### Articles Published in Other Journals

1. **OPTIMIZATION OF A THERMOELECTRIC COOLER FOR A TURBOCHARGED TRACTOR**  
Arıcıoğlu A. K., Yakar G., Gürçan A.  
Mühendis ve Makina, vol.65, no.715, pp.307-340, 2024 (Peer-Reviewed Journal)

### Books & Book Chapters

1. **Thermoelectric Coolers as an Alternative And Practical Cooling Method**  
ÇAĞLAR A., ARICIOĞLU A. K.  
in: Pragmatic Approaches to Science and Engineering Studies, Kılıç Bayram, Editor, SRA Academic Publishing, pp.43-57, 2022

### Metrics

Publication: 3

### Research Areas

Energy, Fluid Mechanics, Thermodynamics, Heat and Mass Transfer, Heating, Refrigerating and Air Conditioning, Thermal Systems