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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