Lect. MUHAMMED MERCAN

Personal Information

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International Researcher IDs
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Publons / Web Of Science ResearcherID: PYW-6097-2026
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Education

Postgraduate, Manisa Celal Bayar University, Turkey 2016 - 2019

Dissertations

Postgraduate, Nanoakışkanlı vakum tüplü güneş kollektörlerinde ısı transferinin sayısal analizi, Manisa Celal Bayar University, 2019

Research Areas

Avesis Research Areas: Mechanical Engineering, Energy, Non-traditional manufacturing methods, Welding Methods, Finite Element Methods, Thermodynamics
WoS Research Areas: Engineering, Mechanics, Engineering Multidisciplinary, Engineering Manufacturing, Engineering Mechanical, Thermodynamics
Scopus Research Areas: Fluid Flow and Transfer Processes, General Engineering, General Engineering, Mechanical Engineering, Modeling and Simulation

Academic Positions

Lecturer, Manisa Celal Bayar University, Manisa Teknik Bilimler Meslek Yüksekokulu, Makine Ve Metal Teknolojileri, 2023 - Present

Courses

Associate Degree
HİDROLİK VE PNÖMATİK, Associate Degree, 2025 - 2026
GİRİŞİMCİLİK, Associate Degree, 2025 - 2026
KALİTE GÜVENCE VE STANDARTLARI, Associate Degree, 2025 - 2026
KAYNAK TEKNOLOJİSİ, Associate Degree, 2025 - 2026
BİLGİ VE İLETİŞİM TEKNOLOJİSİ, Associate Degree, 2025 - 2026

TERMODİNAMİK, Associate Degree, 2025 - 2026
ARAŞTIRMA YÖNTEM VE TEKNİKLERİ, Associate Degree, 2025 - 2026

Articles

I. **EFFECTS OF ENVIRONMENTALLY FRIENDLY FLUIDIZED BED DRYING ON THE QUALITY OF Viburnum opulus**
Bölek S., MERCAN M., Vursavaş M., Arslan D., YURDDAŞ A.
Environmental Engineering and Management Journal, vol.21, no.1, pp.83-89, 2022 (SCI-Expanded, Scopus)

II. **Numerical analysis of evacuated tube solar collectors using nanofluids**
MERCAN M., YURDDAŞ A.
Solar Energy, vol.191, pp.167-179, 2019 (SCI-Expanded, Scopus)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **Effects of fluidized bed temperature on marula fruit as an energy saving and thermodynamic equilibrium drying method**
Mercan M., Vursavaş M., ARSLAN D., BÖLEK S., YURDDAŞ A.
5. International Strategic Research Congress, Antalya, Turkey, 28 October - 01 November 2020, pp.87-89, (Full Text)

Metrics

Publication: 3
Citation (Scopus): 57
H-Index (Scopus): 1