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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Makina Mühendisliği, Turkey 2014 - 2021

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2012 - 2014

Undergraduate, İstanbul University-Cerrahpaşa, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2007 - 2012

Research Areas

Energy, Thermodynamics

Academic Titles / Tasks

Research Assistant PhD, Istanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Mechanical Engineering , 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Heat transfer performance of sol-gel synthesized CuONP-doped coolant in diesel engines**
KARAGÖZ Y., ATTAR A., ARBAK A., PUSAT Ş.
CASE STUDIES IN THERMAL ENGINEERING, vol.37, 2022 (Peer-Reviewed Journal)
- II. **Performance and heat transfer measurements in asymmetrically-heated metal foam cooled by water**
ARBAK A., Dukhan N.
THERMAL SCIENCE AND ENGINEERING PROGRESS, vol.20, 2020 (Peer-Reviewed Journal)
- III. **The role of pore size in heat transfer of oscillating liquid flow in metal foam**
Dukhan N., Bagel O., Arbak A.
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.145, 2019 (Peer-Reviewed Journal)
- IV. **Influence of pore density on thermal development in open-cell metal foam**
Arbak A., Dukhan N., Bagci O., Özdemir M.
EXPERIMENTAL THERMAL AND FLUID SCIENCE, vol.86, pp.180-188, 2017 (Peer-Reviewed Journal)

Articles Published in Other Journals

I. FLOW REGIMES IN COMMERCIAL METAL FOAM HAVING 10 PORES PER INCH

Arbak A., Bagci O., Dukhan N.

JOURNAL OF THERMAL ENGINEERING, vol.2, no.6, pp.1023-1028, 2016 (Peer-Reviewed Journal)

Metrics

Publication: 6

Citation (WoS): 17

Citation (Scopus): 19

H-Index (WoS): 1

H-Index (Scopus): 1