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Education Information

Doctorate, Yozgat Bozok University, Institute of Postgraduate Education, Turkey 2015 - 2022

Postgraduate, Florida Institute of Technology, United States Of America 2011 - 2013

Undergraduate, Gazi University, Turkey 2005 - 2009

Foreign Languages

English, C2 Mastery

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimizing thermal energy storage in rectangular unit: Exploring the impact of moving fin with phase change material**
İzgi B., Demirağ H. Z.
Journal of Energy Storage, vol.99, 2024 (SCI-Expanded)
- II. **Innovative approach for longitudinal vortex generator design: Impact on thermal performance**
DEMİRAĞ H. Z.
Thermal Science and Engineering Progress, vol.49, 2024 (SCI-Expanded)
- III. **The experimental and numerical investigation of novel type conic vortex generator on heat transfer enhancement**
DEMİRAĞ H. Z., DOĞAN M., İÇCİ A. A.
International Journal of Thermal Sciences, vol.191, 2023 (SCI-Expanded)
- IV. **Multi-objective optimization of fin shape in a cylindrical encapsulated phase change material for thermal energy storage applications**
İzgi B., Demirağ H. Z.
APPLIED THERMAL ENGINEERING, vol.231, pp.1-13, 2023 (SCI-Expanded)
- V. **SINGLE- AND MULTI-OBJECTIVE NUMERICAL OPTIMIZATION OF DELTA WINGLET PAIR POSITIONED IN A DUCT**
Demirağ H. Z., İzgi B., Doğan M., İçci A. A.
Heat Transfer Research, vol.54, no.15, pp.29-56, 2023 (SCI-Expanded)
- VI. **The numerical analysis of novel type conic vortex generator and comparison with known VGs for heat transfer enhancement**
DEMİRAĞ H. Z., DOĞAN M., İÇCİ A. A.
HEAT AND MASS TRANSFER, vol.58, no.5, pp.735-762, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **KANAT VE KANATÇIK TİPİ VORTEKS ÜRETİCİLERİN ISIL PERFORMANSLARININ KARŞILAŞTIRILMASI**
Demirağ H. Z., Doğan M.
11TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES , Diyarbakır, Turkey, 29 - 30 December 2022,
pp.1172-1188
- II. **YENİ TİP KONİK YÜZEYLİ VORTEKS ÜRETİCİNİN FARKLI BLOKAJ ORANLARINDA ISI TRANSFERİ PERFORMANSININ İNCELENMESİ**
DEMİRAĞ H. Z., DOĞAN M., İÇCİ A. A.
23RD CONGRESS ON THERMAL SCIENCE AND TECHNOLOGY WITH INTERNATIONAL PARTICIPATION, Turkey, 8 -
10 September 2021

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