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Education Information

Doctorate, Yildiz Technical University, Faculty Of Mechanical Engineering, Termodinamik Ve Isı Tekniği Anabilim Dalı, Turkey 2016 - Continues
Postgraduate, Cranfield University, School Of Engineering, Energy Systems And Thermal Processes, United Kingdom 2013 - 2014

Foreign Languages

English, C1 Advanced

Research Areas

Mechanical Engineering, Energy, Fluid Mechanics, Advanced Energy Technologies, Thermodynamics, Heat and Mass Transfer, Computational fluid dynamics, Thermal Systems, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, -, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **An experimental comparison of radiant wall and ceiling cooling system integrated with ground source heat pump and direct expansion fan coil system in a highly glazed office room**
Doğan A., Kayaci N., Demir H., Kemal Sevindir M. K.
Energy and Buildings, vol.273, 2022 (SCI-Expanded)

Articles Published in Other Journals

I. **Experimental investigation of thermal comfort performance of a radiant wall and ceiling panel system**
DOĞAN A., Kayaci N., DEMİR H., SEVİNDİR M. K.
Journal of Thermal Engineering, vol.8, no.4, pp.551-561, 2022 (Scopus)
II. **Investigation of Wavy Fin Heat Exchangers Performance via Experimental and Computational Fluid**

Dynamics Approach
Bardakçı A. T., Okbaz A., Doğan A., Pınarbaşı A.
MMO Tesisat Mühendisliği Dergisi, no.159, pp.5-14, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Experimental investigation of thermal comfort performance of a radiant wall and ceiling panel system**
Doğan A., Kayacı N., Demir H., Sevindir M. K.
6th International Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 20 - 22 October 2021, pp.611-623

II. **Discussions on Critical Velocity in Tunnel Fires**
Tunç Ö., Hataysal E., Doğan A., Pinarbaşi A.
5th International Conference On Advances In Mechanical Engineering, İstanbul, Turkey, 17 - 19 December 2019, vol.1, no.1, pp.1125-1129

III. **Organic Rankine Cycles For Natural Gas Fired Engine Waste Heat Recovery Using Both Exhaust Gas And Jacket Water Heat Sources**
Doğan A., Kayaci N., Pinarbaşi A.
CTST'19 22th Congress of Thermal Sciences and Technology, Kocaeli, Turkey, 11 - 14 September 2019, pp.1-7

IV. **UZUN ZAMANLI ÇALIŞTIRILAN TOPRAK KAYNAKLI ISI POMPASININ ENERJİ VE EKSERJİ ANALİZLERİNİN İNCELENMESİ**
Doğan A., Kayacı N., Okbaz A., Demir H.
CTST'19 22th Congress of Thermal Sciences and Technology, Kocaeli, Turkey, 11 - 14 September 2019, pp.1-8

V. **Thermodynamic Analyses and Optimization Study Of Organic Rankine Cycle Usage with Internal Combustion Engine Waste Heat**
Talu Y. E., PINARBAŞI A., DOĞAN A., Ulusoy I.
Eregli International Science and Academic Congress, Konya, Turkey, 09 March 2019, vol.1, no.1, pp.73-83

VI. **Experimental end numerical investigation of squezzing efficiency at washing machines**
Pınarbaşı A., Doğan A., Sevindir M. K., Teke İ.
3rd INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2017, İstanbul, Turkey, 21 December 2017, pp.1-9

VII. **Numerical Investigation On Journal Bearing Lubrication**
Cellek M. S., Doğan A., Şahin İ., Okbaz A., Pınarbaşı A.
CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL, İstanbul, Turkey, 11 - 13 May 2016, pp.932-936

Supported Projects

Doğan A., Gemici Z., Demir H., Kayacı N., Atayılmaz Ş. Ö., Project Supported by Higher Education Institutions, Yapı temeline yerleştirilen ısı pompası ile entegre yerden ısıtma sistemi ve farklı sistemlerin birlikte çalıştırılması ve sistem optimizasyonu, 2020 - 2022
DEMİR H., SEVİNDİR M. K., KAYACI N., DOĞAN A., Project Supported by Higher Education Institutions, Toprak Kaynaklı Isı Pompasıyla Radyant Isıtma Soğutma Sistemlerinin Isıl Konfor Analizinin Deneysel ve Sayısal İncelenmesi, 2019 - 2021

Metrics

Publication: 10
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