

Res. Asst. Alperen Yıldızeli

Personal Information

Office Phone: [+90 212 293 1300](tel:+902122931300)

Email: yildizeli@itu.edu.tr

Web: <https://avesis.itu.edu.tr/yildizeli>

Address: İnönü Caddesi, No. 65, Gümüşsuyu, 34437 Beyoğlu/İstanbul

International Researcher IDs

ORCID: 0000-0002-1097-1359

Yoksis Researcher ID: 282205

Education Information

Doctorate, İstanbul Technical University, Lisansüstü Eğitim Enstitüsü, Turkey 2020 - Continues

Postgraduate, İstanbul Technical University, Lisansüstü Eğitim Enstitüsü, Mechanichal Engineering, Turkey 2016 - 2020

Undergraduate, İstanbul Technical University, Makina Fakültesi, Makina Mühendisliği (%30 İng.), Turkey 2013 - 2016

Undergraduate, İstanbul Technical University, Makina Fakültesi, Makina Mühendisliği (%30 İng.), Turkey 2012 - 2013

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Çoklu çarpan jet sisteminin sayısal olarak incelenmesi ve genetik algoritma ile çok hedefli tasarım optimizasyonu, İstanbul Technical University, Makina, Makina Mühendisliği, 2019

Research Areas

Technical Sciences, Mechanical Engineering, Energy, Fluid Mechanics

Academic Titles / Tasks

Research Assistant, İstanbul Technical University, Makina, Makina Mühendisliği, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. NUMERICAL INVESTIGATION OF PLATE COOLING USING MULTIPLE IMPINGING JETS IN DIFFERENT ALIGNMENTS
FARKLI DİZİMLERDE ÇOKLU ÇARPAN JETLER İLE PLAKA SOĞUTMASININ SAYISAL OLARAK İNCELEMESİ
YILDIZELİ A., ÇADIRCI S.

Isı Bilimi Ve Teknigi Dergisi/ Journal of Thermal Science and Technology, vol.43, no.1, pp.1-10, 2023 (SCI-

- Expanded)
- II. **<parametric study and optimization of microchannel heat sinks with various shapes>**
 Kose H. A., Yıldızeli A., Çadırcı S.
 APPLIED THERMAL ENGINEERING, vol.211, 2022 (SCI-Expanded)
- III. **Multi-objective optimization of multiple impinging jet system through genetic algorithm**
 Yıldızeli A., Çadırcı S.
 INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, vol.158, 2020 (SCI-Expanded)
- IV. **Multi objective optimization of a micro-channel heat sink through genetic algorithm**
 Yıldızeli A., Çadırcı S.
 INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, vol.146, 2020 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Numerical Investigation of Conjugate Heat Transfer in Rectangular Micro-Channel Heat Sinks under Laminar Flow Conditions**
 Köse H. A., YILDIZELİ A., CANBOLAT G., ÇADIRCI S.
 6th International Symposium on Innovative Technologies in Engineering and Science, Antalya, Turkey, 9 - 11 November 2018, vol.1, pp.196-205
- II. **Numerical Investigation of Transitional Flow over a Flat Plate under Constant Heat Fluxes**
 CANBOLAT G., YILDIZELİ A., Köse H. A., ÇADIRCI S.
 6th International Symposium on Innovative Technologies in Engineering and Science, Antalya, Turkey, 9 - 11 November 2018, vol.1, pp.187-195
- III. **Dağıtılmış hava jeti kullanarak hassas cisimlerin manipülasyonunun sayısal olarak incelenmesi**
 YILDIZELİ A., Karabay A. Y., COŞKUN U. C., ÇADIRCI S., Vatansever E., SÜMER B., KOÇ İ. M.
 VIII. Ulusal Hidrolik Pnömatik Kongresi, İstanbul, Turkey, 22 - 25 November 2017
- IV. **TARİHİ BİNALARDA PASİF YÖNTEMLERLE ENERJİ TASARRUFU: İSTANBUL TEKNİK ÜNİVERSİTESİ MAKİNE FAKÜLTESİ**
 YILDIZELİ A.
 13. ULUSAL TESİSAT MÜHENDİSLİĞİ KONGRESİ VE TESKON+SODEX FUARI, İzmir, Turkey, 19 - 22 April 2017, pp.1
- V. **İSTANBUL TEKNİK ÜNİVERSİTESİ MAKİNE FAKÜLTESİ BİNASI'NIN ENERJİ ANALİZİ**
 YILDIZELİ A., Eskin N., Gür M.
 13. ULUSAL TESİSAT MÜHENDİSLİĞİ KONGRESİ VE TESKON+SODEX FUARI, İzmir, Turkey, 19 - 22 April 2017, pp.1

Metrics

Publication: 11
 Citation (WoS): 38
 Citation (Scopus): 105
 H-Index (WoS): 3
 H-Index (Scopus): 3

Non Academic Experience

The von Karman Institute for Fluid Dynamics