

Prof. Zeki Argunhan

Personal Information

Email: zargunhan@yyu.edu.tr

Web: <https://avesis.yyu.edu.tr/zargunhan>

International Researcher IDs

ORCID: 0000-0002-3349-3409

Yoksis Researcher ID: 9979

Education Information

Doctorate, Firat University, Institute Of Science, Turkey 2000 - 2003

Postgraduate, Harran University, Institute Of Science, MAKINE MÜHENDISLIGI, Turkey 1995 - 1997

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 1981 - 1987

Academic Titles / Tasks

Professor, Bitlis Eren University, 2017 - Continues

Associate Professor, Batman University, 2012 - 2017

Assistant Professor, Batman University, 2005 - 2008

Lecturer, Batman University, 2003 - 2005

Lecturer, Dicle University, 1995 - 2003

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Statistical Evaluation of Indoor Air Quality Parameters in Classrooms of a University**
Argunhan Z., Avci A. S.
ADVANCES IN METEOROLOGY, vol.2018, 2018 (SCI-Expanded)
- II. **Combustion, performance and emissions of a diesel power generator fueled with biodiesel-kerosene and biodiesel-kerosene-diesel blends**
Bayindir H., Isik M. Z., Argunhan Z., Yucel H. L., Aydin H.
ENERGY, vol.123, pp.241-251, 2017 (SCI-Expanded)
- III. **EXPERIMENTAL INVESTIGATION OF SOLAR STILLS INTEGRATED WITH SOLAR WATER HEATING COLLECTORS**
Emin E. L., Cakmak G., Argunhan Z., Yildiz C.
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.37, no.2, pp.97-107, 2017 (SCI-Expanded)
- IV. **Experimental and Numerical Investigation of the Effect of Turbulator on Heat Transfer in a Concentric-type Heat Exchanger**
Budak N., Yucel H. L., Argunhan Z.
EXPERIMENTAL HEAT TRANSFER, vol.29, no.3, pp.322-336, 2016 (SCI-Expanded)
- V. **EFFECT OF THE AIR FLOW RATE OF BLOWER ON THE PERFORMANCE OF SOLAR STILL**
El E., Argunhan Z., Cakmak G., Yucel H. L., Yildiz C.

ISI BILIMI VE TEKNİĞİ DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.35, no.2, pp.145-152, 2015 (SCI-Expanded)

- VI. **Experimental Investigation of Thermal Performance in a Concentric-Tube Heat Exchanger with Wavy Inner Pipe**
Cakmak G., Yucel H. L., Argunhan Z., Yildiz C.
INTERNATIONAL JOURNAL OF THERMOPHYSICS, vol.33, no.6, pp.1055-1067, 2012 (SCI-Expanded)
- VII. **Second Law analysis in concentric heat exchangers with vortex flow generators**
Argunhan Z., Behcet R., Yildiz C., Cakmak G.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.28, no.1, pp.285-292, 2011 (SCI-Expanded)
- VIII. **The effect of rotary type turbulator placed in entrance of heat exchanger on heat transfer and frictional loss**
Behcet R., Yakut A. K., Argunhan Z.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.28, no.1, pp.239-248, 2011 (SCI-Expanded)
- IX. **Effect of swirl generators with different sized propeller on heat transfer enhancement**
Cakmak G., Argunhan Z., Yildiz C.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.27, no.2, pp.323-330, 2011 (SCI-Expanded)
- X. **Dimension and insulation thickness optimization of circular flat plate solar collectors**
Argunhan Z.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.27, no.2, pp.287-294, 2011 (SCI-Expanded)
- XI. **Experimental investigation of the effects of diesel-like fuel obtained from waste lubrication oil on engine performance and exhaust emission**
Arpa O., Yumrutas R., Argunhan Z.
FUEL PROCESSING TECHNOLOGY, vol.91, no.10, pp.1241-1249, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Comparison of Thermal Performance of Newly Produced Lightweight Wall and Roof Elements for Energy-efficient Buildings**
Oktay H., Yumrutas R., Argunhan Z.
Hittite Journal of Science and Engineering, vol.7, no.1, pp.17-26, 2020 (Peer-Reviewed Journal)
- II. **An Experimental Investigation of the Effect of Thermophysical Properties on Time Lag and Decrement Factor for Building Elements**
Oktay H., Yumrutas R., Argunhan Z.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.33, no.2, pp.492-508, 2020 (ESCI)
- III. **Comparison of heat gain values obtained for building structures with real and constant properties**
Argunhan Z., Oktay H., Yumrutas R.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.8, no.4, pp.1518-1532, 2019 (Peer-Reviewed Journal)
- IV. **Yapı elemanlarında kullanılan atık lastiklerin ısı performansının incelenmesi**
Argunhan Z.
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, vol.8, no.3, pp.621-630, 2017 (Peer-Reviewed Journal)
- V. **Investigation of the thermal and acoustic performance of perlite- based building materials**
Argunhan Z., Oktay H., Doğmuş R.
European Journal of Technique, vol.6, no.1, pp.26-36, 2016 (Peer-Reviewed Journal)
- VI. **ÇOK KATMANLI DUVAR VE ÇATI TİPLERİNİN ISIL VE FİZİKSEL ÖZELLİKLERİNİN DİNAMİK ISIL KARAKTERLERİNE OLAN ETKİSİNİN İNCELENMESİ**

Oktay H., Argunhan Z., Yumrutaş R., Işık M. Z., Budak N.

Mugla Journal of Science and Technology, vol.2, no.1, pp.48-54, 2016 (Peer-Reviewed Journal)

VII. Evaluation of fly ash and polypropylene in production of composite materials

Yıldız T., Argunhan Z., Haksever A.

Energy Education Science and Technology Part A: Energy Science and Research , vol.30, no.SUPPL.2, pp.1-10, 2012
(Peer-Reviewed Journal)

VIII. Dikdörtgen delikli türbülatorlerde delik sayısının ısı geçişine ve basınç düşüşüne etkisi

Argunhan Z., Yıldız C.

Fırat Üniversitesi Mühendislik Bilimleri Dergisi, vol.18, no.2, pp.243-247, 2006 (Peer-Reviewed Journal)

IX. DAİRESEL KESİTLİ BİR BORUNUN GİRİŞİNE YERLEŞTİRİLEN DELİKLİ SABİT KANATÇIKLI DÖNME ÜRETİCİNİN ISI GEÇİŞİ VE BASINÇ DÜŞÜŞÜNE ETKİLERİ

Argunhan Z., Yıldız C.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.12, no.2, pp.217-223, 2006 (Peer-Reviewed Journal)

X. THE EFFECTS OF SWIRL GENERATOR HAVING WINGS WITH HOLES ON HEAT TRANSFER AND PRESSURE DROP IN TUBE HEAT EXCHANGER

Argunhan Z., Yıldız C.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.12, no.2, pp.217-223, 2006 (ESCI)

Metrics

Publication: 21

Citation (WoS): 172

Citation (Scopus): 210

H-Index (WoS): 6

H-Index (Scopus): 6