

Lect. PhD İLKER FIRAT

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: A-4631-2019

ScopusID: 57720119900

Yoksis Researcher ID: 14762

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 2017 - 2022

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 2011 - 2013

Undergraduate, Sivas Cumhuriyet University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 2003 - 2007

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Security, Deprem Farkındalık Eğitim Programı, Presidential Human Resources Office, 2023

Vocational Training, Eğiticilerin Eğitimi, Erzincan Binali Yıldırım University, 2022

Vocational Training, Akışkanlar Analizi - ANSYS Fluent, Figes A.Ş., 2020

Dissertations

Doctorate, Experimental and numerical investigation of the effect of fixed and mobile turbulators on heat transfer, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2022

Postgraduate, Thermal insulation applications and economic analysis of the effect of thermal insulation on energy saving in buildings in Erzincan, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2013

Research Areas

Mechanical Engineering, Energy, Fluid Mechanics, Thermodynamics

Academic Titles / Tasks

Lecturer PhD, Erzincan Binali Yıldırım University, Refahiye Meslek Yüksekokulu, Motorlu Araçlar Ve Ulaştırma Teknolojileri Bölümü, 2023 - Continues

Lecturer, Erzincan Binali Yıldırım University, İliç Dursun Yıldırım Meslek Yüksekokulu, Elektrik ve Enerji Bölümü, 2010 - 2022

Courses

Yol Makineleri, Associate Degree, 2022 - 2023

Ray Kaynağı, Associate Degree, 2022 - 2023

Genel Makine Bilgisi, Associate Degree, 2022 - 2023

Technical Drawing, Associate Degree, 2023 - 2024

Tasarım Uygulamaları, Associate Degree, 2022 - 2023

Maths-1, Associate Degree, 2023 - 2024

Solar energy, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Natural Gas Installation, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014

Preventive Maintenance and Troubleshooting, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014

Cooling System Design, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014

Thermodynamics, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Computer Aided Drawing, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014

Air Conditioning and Refrigeration Technologies, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Individual Air Conditioning Systems, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Advising Theses

Fırat İ., Karagöz Ş., Experimental and numerical investigation of turbulators in horizontal pipes in terms of heat transfer, Postgraduate, T.Resul(Student), Continues

Memberships / Tasks in Scientific Organizations

Chamber of Mechanical Engineers, Member, 2007 - Continues, Turkey

Scientific Refereeing

NUMERICAL HEAT TRANSFER, PART B: FUNDAMENTALS, Journal Indexed in SCI-E, February 2024

Metrics

Publication: 16

Citation (Scopus): 11

H-Index (Scopus): 3

Non Academic Experience

Company, Ekşi Group, Proje ve Mühendislik

Company, Fırat Mühendislik, Mühendislik ve Proje

Company, Birgaz Isı ve Doğal Gaz Sistemleri, Proje ve Mühendislik