

Birthyear: 1991

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Education Information

- Under Graduate, Marmara University, Hukuk Fakültesi, Turkey 2018 - Continues
- Doctorate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2016 - Continues
- Post Graduate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2014 - 2016
- Under Graduate, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2009 - 2013

Foreign Languages

- English, B2 Upper Intermediate

Research Areas

Mechanical Engineering, Energy, Advanced Energy Technologies, Thermodynamics, Internal Combustion Engines, Naval Architecture and Marine Engineering, Ship Machines, Engineering and Technology

Academic Titles / Tasks

- Research Assistant, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2014 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **A comparative thermo-ecological performance analysis of generalized irreversible solar-driven heat engines**
ÜST Y., ARSLAN F., ÖZSARİ İ.
RENEWABLE ENERGY, vol.113, pp.1242-1249, 2017 (Journal Indexed in SCI)
- **Thermodynamic performance analysis and optimization of DMC (Dual Miller Cycle) cogeneration system by considering exergetic performance coefficient and total exergy output criteria**
ÜST Y., ARSLAN F., ÖZSARİ İ., ÇAKIR M.
ENERGY, vol.90, pp.552-559, 2015 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **Performance, Emission and Economic Analysis of The Refrigeration Systems in Ships**
Bařhan V., Kaya A., Özsarı İ., Arslan F., Sönmez H. İ.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING: ICAME 2018, İstanbul, Turkey, 19 December 2018, pp.875-886
- **Design and Optimization of Compact Printed Circuit Heat Exchanger as s-CO₂ Brayton Cycle Regenerator by Using Sub-Heat Exchanger Model**
ARSLAN F., GÜZEL B.
IV INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS), Kiev, Ukraine, 2 - 06 May 2018, pp.398
- **Design and Performance Analysis of a Compact Printed Circuit Heat Exchanger (PCHE) Used in the Waste Heat Recovery Systems (WHRS) in Ships**
ARSLAN F., GÜZEL B.
IV INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS), Kiev, Ukraine, 2 - 06 May 2018, pp.397
- **CFD Analysis of a Divided Combustion Chamber of Single Cylinder Spark Ignition CNG Engine**
ARSLAN F., ÜST Y.
ICENS, Saraybosna, Bosnia And Herzegovina, 24 - 28 May 2016, pp.1067-1074
- **PERFORMANCE ANALYSIS OF A SINGLE CYLINDER SPARK IGNITION CNG ENGINE BY USING CFD ANALYSIS AND TWO ZONE COMBUSTION MODEL**
ARSLAN F., ÜST Y.
2ND INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, 10 - 13 May 2016, pp.396-403

Supported Projects

- GONCA G., ŞAHİN B., ARSLAN F., SAFA A., Project Supported by Higher Education Institutions, İçten Yanmalı Motorlar İçin Teorik ve Deneysel Çalışmalara Dayalı Yeni Bir Termo-Ekolojik Performans Analiz Kriterinin Geliştirilmesi, 2017 - 2019