

Res. Asst. İbrahim KAYA

Personal Information

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Education Information

Doctorate, Yıldız Technical University, Naval Architecture and Maritime Faculty, Department of Naval Architecture and Marine Engineering, Turkey 2018 - Continues

Postgraduate, Yıldız Teknik Üniversitesi, Fen Bilimleri, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği Abd, Turkey 2015 - 2018

Undergraduate, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2010 - 2014

Research Areas

Multiobjective Optimization, Heuristic Methods, Energy, Thermodynamics, Heat and Mass Transfer, Fuels and Combustion, Heating, Refrigerating and Air Conditioning, Internal Combustion Engines, Thermal machines, Ship Machines

Academic Titles / Tasks

Research Assistant, Yıldız Technical University, Naval Architecture and Maritime Faculty, Department of Naval Architecture and Marine Engineering, 2017 - Continues

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

- A new method to multi - objective optimization of shell and tube heat exchanger for waste heat recovery**
KAYA İ., ÜST Y.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, 2021 (Journal Indexed in SCI)

Articles Published in Other Journals

- Investigation of Waste Heat Energy in a Marine Engine with Transcritical Organic Rankine Cycle**
Kaya İ., Karakurt A. S. , Üst Y.
Journal of Thermal Engineering, vol.6, no.3, pp.282-296, 2020 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. Optimal Design of Shell and Tube Heat Exchanger by Using Net Saving and Saving Cost Ratio Objectives in Waste Heat Recovery System

ÜST Y., KAYA İ.

International Conference on Engineering and Natural Sciences (ICENS), Prague, Czech Republic, 12 - 16 June 2019, pp.267-280

II. Recovery of Ship Waste Exhaust Gas Energy by Transcritical Organic Rankine Cycle

ÜST Y., KAYA İ.

International Conference on Engineering and Natural Sciences (ICENS), Kiev, Ukraine, 02 May 2018, pp.366