

Res. Asst. SAMET GÜRGEN

Personal Information

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2016 - Continues

Undergraduate, Anadolu University, Faculty Of Economics, İktisat, Turkey 2015 - 2019

Postgraduate, Karadeniz Technical University, Fen Bilimleri, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2013 - 2016

Undergraduate Minor, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Deniz Ulaştırma İşletme Müh. (Makina Prog.), Turkey 2011 - 2013

Undergraduate, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2008 - 2013

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Alternatif Yakıt Karışımları Kullanılan Bir Dizel Motorunda Çevrimsel Farkların Yapay Sinir Ağları İle Modellenmesi, Karadeniz Technical University, Fen Bilimleri, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2016

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Neural Networks, Mechanical Engineering, Energy, Alternative Energy Resources, Thermodynamics, Fuels and Combustion, Internal Combustion Engines, Naval Architecture and Marine Engineering, Ship Machines, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Gemi İnşaatı ve Gemi Makineleri Mühendisliği, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. A comprehensive investigation into the performance of genetic algorithm for effective shipyard

topological layout

Türk A., Gürgen S., Özkök M., Altın İ.

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT, 2021 (Journal Indexed in SCI)

- II. **Risk ranking of maintenance activities in a two-stroke marine diesel engine via fuzzy AHP method**
Ünver B., ALTIN İ., GÜRGEN S.
APPLIED OCEAN RESEARCH, vol.111, 2021 (Journal Indexed in SCI)
- III. **Crankcase explosion for two-stroke marine diesel engine by using fault tree analysis method in fuzzy environment**
Ünver B., Gürgen S., Şahin B., Altın İ.
ENGINEERING FAILURE ANALYSIS, vol.97, pp.288-299, 2019 (Journal Indexed in SCI)
- IV. **Prediction of main particulars of a chemical tanker at preliminary ship design using artificial neural network**
Gurgen S., Altın İ., Özkök M.
Ships and Offshore Structures, vol.13, pp.459-465, 2018 (Journal Indexed in SCI Expanded)
- V. **Prediction of cyclic variability in a diesel engine fueled with n-butanol and diesel fuel blends using artificial neural network**
Gurgen S., Ünver B., Altın İ.
RENEWABLE ENERGY, vol.117, pp.538-544, 2018 (Journal Indexed in SCI)
- VI. **Forecasting the Baltic Dry Index by using an artificial neural network approach**
Şahin B., Gürgen S., Ünver B., Altın İ.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.26, pp.1673-1684, 2018 (Journal Indexed in SCI)
- VII. **Experimental Investigation on Cyclic Variability, Engine Performance and Exhaust Emissions in a Diesel Engine using Alcohol-Diesel Fuel Blend**
GÜRGEN S., ÜNVER B., ALTIN İ.
THERMAL SCIENCE, vol.21, no.21, pp.581-589, 2017 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Bütanol-Diesel Yakıtı Kullanılan Bir Sıkıştırma Ateşlemeli Motorda Motor Performansı ve Egzoz Emisyonlarının Yapay Sinir Ağları ile Tahmini**
GÜRGEN S., ALTIN İ.
Pamukkale Üniversitesi Mühendislik Dergisi, vol.24, pp.576-581, 2018 (International Refereed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Gemi egzoz gazından atık ısı geri kazanımı için organik rankine çevriminin çok amaçlı gri kurt algoritması ile optimizasyonu**
Gürgen S., Altın İ.
Proceedings of the 2nd International Congress on Ship and Marine Technology, İstanbul, Turkey, 16 September 2021, pp.111-129
- II. **Engine performance and exhaust gas temperature modeling in a diesel engine with butanol-diesel fuel blends: Comparison of artificial neural networks and regression analysis**
GÜRGEN S., ALTIN İ.
International Symposium on Innovative Approaches in Scientific Studies, Samsun, Turkey, 30 November - 02 December 2018, no.3, pp.163-166
- III. **Engine performance and exhaust gas temperature modeling in a diesel Engine performance and exhaust gas temperature modeling in a diesel networks and regression analysis**

GÜRGEN S., ALTIN İ.

2nd International Symposium on Innovative Approaches in Scientific Studies, Samsun, Turkey, 30 November - 02 December 2018, vol.3, pp.163-166

IV. Electric Drive Vehicles and Future Expectations

GÜRGEN S., ÜNVER B., SARAL D., ALTIN İ.

IV INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA, Roma, Italy, 23 - 25 August 2017, pp.78-83

V. Yapay Sinir Ağları ile Türkiye'nin CO2 Emisyon Tahmini

GÜRGEN S., ÜNVER B., SARAL D., ALTIN İ.

IV INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA, Roma, Italy, 23 - 25 August 2017, pp.189-195

VI. Investigation of Exhaust Emissions in a Biodiesel Pilot Fueled Natural Gas Engine with Stochastic Reactor Model

PEHLİVAN E. F. , ALTIN İ., GÜRGEN S.

The Second Global Conference on Innovation in Marine Technology and the Future of Maritime Transportation, Muğla, Turkey, 24 - 25 October 2016, pp.1-7

VII. Experimental Investigation of Cyclic Variations in Diesel Engine Using Ethanol-Diesel Fuel Blends

GÜRGEN S., ÜNVER B., ALTIN İ.

The Second Global Conference on Innovation in Marine Technology and the Future of Maritime Transportation, Muğla, Turkey, 24 - 25 October 2016, pp.1-10

Supported Projects

ALTIN İ., GÜRGEN S., Project Supported by Higher Education Institutions, Alternatif yakıt karışımları kullanılan bir dizel motorunda çevrimsel farkların yapay sinir ağları ile modellenmesi, 2015 - 2016

Scientific Refereeing

POLISH MARITIME RESEARCH, Journal Indexed in SCI-E, February 2021

SHIPS AND OFFSHORE STRUCTURES, Journal Indexed in SCI-E, January 2021

SHIPS AND OFFSHORE STRUCTURES, Journal Indexed in SCI-E, January 2021

IEEE Access, SCI Journal, September 2018

Energy Conversion and Management, SCI Journal, July 2018

Edit Congress and Symposium Activities

2nd International Symposium on Innovative Approaches in Scientific Studies, Attendee, Samsun, Turkey, 2018

IV INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA, Attendee, Roma, Italy, 2017

The Second Global Conference on Innovation in Marine Technology and The Future of Maritime Transportation, Attendee, Muğla, Turkey, 2016

Citations

Total Citations (WOS):96

h-index (WOS):5

Scholarships

Erasmus+ Staj Programı, European Commission, 2019 - Continues

