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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: GES-8594-2022

ScopusID: 57551890300

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Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Makina Mühendisliği Bölümü, Turkey 2023 - Continues

Postgraduate, Izmir Institute Of Technology, Makine Mühendisliği Bölümü , Turkey 2020 - 2023

Undergraduate, Bursa Technical University, Faculty Of Engineering And Natural Sciences, Department Of Mechanical Engineering, Turkey 2015 - 2020

Undergraduate, Politecnico di Bari, Faculty of Engineering, Mechanical Engineering, Italy 2018 - 2018

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Vocational Training, YÜKSEK VOLTAJ (1000 V ÜZERİ) EĞİTİMİ (İŞLETİM DÜZEYİ), Piri Reis Üniversitesi, 2024

Vocational Training, MAKİNE DAİRESİ KAYNAKLARI YÖNETİMİ (ERM) , Piri Reis Üniversitesi, 2024

Vocational Training, PETROL TANKERLERİNDE YÜK İŞLEMLERİ İLERİ EĞİTİMİ , Piri Reis Üniversitesi, 2024

Vocational Training, SIVILAŞTIRILMIŞ GAZ TANKERLERİNDE YÜK İŞLEMLERİ TEMEL EĞİTİMİ , Piri Reis Üniversitesi, 2024

Vocational Training, PETROL VE KİMYASAL TANKERLERİNDE YÜK İŞLEMLERİ TEMEL EĞİTİMİ, Piri Reis Üniversitesi, 2024

Vocational Training, UZAKYOL VARDİYA MÜH. TAMAMLAMA EĞİTİMİ (A-III/1) , Piri Reis Üniversitesi, 2024

Dissertations

Postgraduate, Experimental investigation and optimization of laser surface treatment parameters for 1.2379 (AISI D2) tool steel, Izmir Institute Of Technology, 2023

Research Areas

Mechanical Engineering, Energy, Mechanical, Thermodynamics, Naval Architecture and Marine Engineering, Engineering

Academic Titles / Tasks

Research Assistant, Kocaeli University, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği, 2021 - Continues

Academic and Administrative Experience

Erasmus Program Department Coordinator, Kocaeli University, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Laser Welding of Ti6Al4V Titanium Alloy in Air and a Water Medium**
Alhajhamoud M., Özbey S., Ilgaz M. A., Candan L., Çınar İ., Vukotić M., Čorović S., Miljavec D., Kayahan E.
MATERIALS, vol.15, no.24, pp.1-16, 2022 (SCI-Expanded)
- II. **Laser Welding of 316L Austenitic Stainless Steel in an Air and a Water Environment**
Alhajhamoud M., Candan L., Ilgaz M. A., Cinar I., Ozbey S., Čorović S., Miljavec D., Kayahan E.
Materials, vol.15, no.6, pp.1-16, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of the Penetration Force of Disposable Sterile Needles through Biomedical Textile Surfaces**
Kayahan E., Özbey S., Kosa U., Ilgaz M. A., Corovic S.
ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH, vol.13, no.1, pp.10014-10020, 2023 (ESCI)

Books & Book Chapters

- I. **Advanced Laser Material Processing Techniques**
Özbey S., Tıkız İ.
in: Interdisciplinary Studies on Contemporary Research Practices in Engineering in the 21st Century- VI, Kamil Kaygusuz, Editor, Özgür Publications, Gaziantep, pp.103-120, 2024
- II. **Renewable Energy Solutions for Commercial Ships**
Özbey S., Tıkız İ.
in: Interdisciplinary Studies on Contemporary Research Practices in Engineering in the 21st Century- VI, Kamil Kaygusuz, Editor, Özgür Publications, Gaziantep, pp.141-156, 2024
- III. **Dalga Enerjisinin Kullanım Alanlarının ve Türkiye'deki Konumunun İncelenmesi**
Uslu İ. U., Özbey S., Tıkız İ.
in: Mühendislik Alanında Akademik Araştırma ve Derlemeler II, Birol Kılıç, Editor, Platanus Publishing, Ankara, pp.137-151, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **DESIGN AND INSTALLATION OF ECONOMIZER FOR ENERGY RECOVERY FROM WASTE FLUE GAS OF HOT OIL BOILER**

Uslu İ. U., Özbey S., Tıkız İ.

ASES VIII. INTERNATIONAL HEALTH, ENGINEERING AND SCIENCES CONFERENCE, İzmir, Turkey, 6 - 07 April 2024, pp.5-12

II. A COMPARATIVE STUDY OF ELECTRO GALVANIZED, ZİNC-FLAKE AND HOT DIP GALVANIZED COATING ON 5140 TEMPERED STEEL

Özbey S., Alhajhamoud M., Çınar İ., Candan L., Kayahan E.

International Marmara Sciences Congress (Imascon Autumn) 2021, Kocaeli, Turkey, 11 - 12 December 2021, pp.332-337

Metrics

Publication: 8

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H-Index (Scopus): 2