

Asst. Prof. SEMİH ÖZBEY

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-3785-2019

ScopusID: 55935542900

Yoksis Researcher ID: 36821

Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Metallurgical and Materials Engineering (Eng), Turkey 2011 - 2020

Postgraduate, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Ve Fen Bilimleri Enstitüsü, Malzeme Bilimi Ve Mühendisliği (YI) (Tezli), Turkey 2007 - 2010

Undergraduate, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Fakültesi, Malzeme Bilimi Ve Mühendisliği Bölümü, Turkey 2002 - 2007

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Production of lead-free brass alloys, and the effect of some additives on machinability, mechanical and corrosion properties, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Metallurgical and Materials Engineering (Eng), 2020

Postgraduate, AISI 316L Paslanmaz Çeliğin Gliserin ve Ethanolamin Çözeltileri İçerisinde Elektrolitik Plazma Yöntemiyle Yüzeyinin Sertleştirilmesi, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Ve Fen Bilimleri Enstitüsü, Malzeme Bilimi Ve Mühendisliği (YI) (Tezli), 2010

Research Areas

Material science and engineering

Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Technology, Metallurgical and Materials Engineering, 2011 - Continues

Courses

Döküm Yöntemleri, Undergraduate, 2021 - 2022
Korozyon ve Korunma, Undergraduate, 2021 - 2022
Malzeme Termodinamiği, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Production of Chromium Oxide from Turkish Chromite Concentrate Using Ethanol**
AKTAŞ S., Eyuboglu C., MORCALI M. H., ÖZBEY S., sucuoglu y.
HIGH TEMPERATURE MATERIALS AND PROCESSES, vol.34, no.3, pp.237-244, 2015 (SCI-Expanded)
- II. **Investigation of cobalt sulfate precipitation by alcohol and influencing factors**
AKTAŞ S., Gurcan H., Keskin A., Morcali M. H., ÖZBEY S., Yücel O.
MINERALS & METALLURGICAL PROCESSING, vol.30, no.3, pp.174-179, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Sintering and Mechanical Properties of Titanium Composites Reinforced Nano Sized Al₂O₃ Particles**
Gülsoy H. Ö., Pazarlıoğlu S. S., Özbey S., Mesut Ç., Hanifi A.
International Journal of Materials, Mechanics and Manufacturing, vol.4, pp.111-114, 2016 (Peer-Reviewed Journal)
- II. **Effect of Zr Nb and Ti Additions on Injection Molded 316L Stainless Steel Microstructural Mechanical Properties and Corrosion Resistance**
Gülsoy H. Ö., Pazarlıoğlu S. S., Özbey S.
Advanced Materials Research, vol.119, pp.505-509, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The Effect of Copper Addition On Mechanical and Corrosion Properties of AA 1055 Aluminium Alloys**
imamoglu k., ÖZBEY S., SALMAN S., GÜLSOY H. Ö.
IATS 2017, 19 - 22 October 2017
- II. **Electrochemical Behavior of injection Molded Gas and Water Atomized 17-4PH Stainless Steel Powder**
ÖZBEY S., AKDAĞ E., KALIN G., GÜLSOY H. Ö.
International Conference on Powder Metallurgy and Particulate Materials, 13 - 17 June 2017
- III. **Injection molding of Micro-Porous Ti₁₀Nb₁₀Zr Alloy**
aktaş s., durumlu s., özgül c., PAZARLIOĞLU S. S., ÖZBEY S., GÜLSOY H. Ö.
POWDERMET2017, 13 - 16 June 2017
- IV. **Sintering and mechanical properties of Titanium composites reinforced Nano Al₂O₃ Particles**
GÜLSOY H. Ö., ÖZBEY S., PAZARLIOĞLU S. S., çiftçi m., hanifi a.
2015 International Conference on Smart Manufacturing Technologies, 14 - 15 June 2015
- V. **Sintering and Mechanical Properties of Titanium Composites Reinforced Nano Sized Al₂O₃ Particles**
GÜLSOY H. Ö., ÖZBEY S., PAZARLIOĞLU S. S., mesut ç., akyurt h.
2015 International Conference on Smart Manufacturing Technologies (ICSMT 2015), st. petersburg, Russia, 14 - 15 June 2015
- VI. **Effect of Zr Nb and Ti Additions on Injected Molded 316L Stainless Steel Microstructural Mechanical and Corrosion Resistance**
GÜLSOY H. Ö., PAZARLIOĞLU S. S., ÖZBEY S.
International Conference on Nano and Materials Engineering (ICNME 2015), 2 - 03 April 2015
- VII. **Effect of Zr Nb and Ti Additions on Injection Molded 316L Stainless Steel Microstructural Mechanical Properties and Corrosion Resistance**

GÜLSOY H. Ö., PAZARLIOĞLU S. S., ÖZBEY S.

International Conference on Nano and Materials Engineering (ICNME 2015), Phuket, Thailand, 2 - 03 April 2015

Metrics

Publication: 12

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