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International Researcher IDs

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği Anabilim Dalı, Turkey 2015 - 2023

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği Anabilim Dalı, Turkey 2011 - 2014

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, Turkey 2007 - 2011

Dissertations

Doctorate, Alüminyum Esaslı Açık Hücreli Metalik Köpüklerin Yapısal ve Mekanik Özelliklerinin ve Termal Performansının İncelenmesi, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği, 2023

Postgraduate, Toz Metalurjisi Yöntemiyle Üretilen Gözenekli Titanyum Esaslı İmplant Malzemelerin Mekanik ve Tribolojik Özelliklerinin İncelenmesi, Karadeniz Technical University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği, 2014

Research Areas

Tribology, Metallurgical and Materials Engineering, Testing and Control of Materials, Metallic Materials, Powder Metallurgy

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- The structural and mechanical properties of open-cell aluminum foams: Dependency on porosity, pore size, and ceramic particle addition**
GÖLBAŞI Z., ÖZTÜRK B., Ullén N. B.

JOURNAL OF ALLOYS AND COMPOUNDS, vol.1009, 2024 (SCI-Expanded)

- II. **Exploring the role of Fe in the wear and corrosion resistance of Ti-based alloys produced with conventional powder metallurgy**
Gölbaşı Z., İçin K., Sünbül S. E., Öztürk B.
TRIBOLOGY INTERNATIONAL, vol.200, 2024 (SCI-Expanded)
- III. **Effect of Sn addition on mechanical, wear, and electrochemical properties of Ti-Al-Sn alloys**
GÖLBAŞI Z., ÖZTÜRK B., İÇİN K., SÜNBÜL S. E.
Powder Technology, vol.444, 2024 (SCI-Expanded)
- IV. **Experimental investigation of the melting performance of a low porosity metal foam/PCM composite heat sink in various configurations**
Öztürk B., Gölbaşı Z., Yazıcı M. Y.
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.149, 2023 (SCI-Expanded)
- V. **Mechanical, wear and corrosion behavior of Ti-6Al-xNb (x=3.5-21 wt%) alloys manufactured by powder metallurgy**
GÖLBAŞI Z., ÖZTÜRK B., SÜNBÜL S. E., İÇİN K.
POWDER TECHNOLOGY, vol.426, 2023 (SCI-Expanded)

Papers Published in Refereed Scientific Meetings

- I. **Effect of Deformation Rate on Electrical and Mechanical Properties of Pure Copper**
ÖZTÜRK B., İÇİN K., GÖLBAŞI Z., ÖZTÜRK S.
2nd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 October 2017, pp.917-923
- II. **Analytical Hierarchy Process in Material Selection**
ÖZTÜRK B., İÇİN K., Şahin Ö., GÖLBAŞI Z., ÖZTÜRK S.
2nd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 October 2017, pp.693-700
- III. **Production of Porous Ti-6Al-XFe Alloy by Powder Metallurgy Method, Investigation of the Mechanical and Tribological Properties**
GÖLBAŞI Z.
2nd International Energy & Engineering Conference 2017, Gaziantep, Turkey, 12 - 13 October 2017, pp.438
- IV. **Melt Spinning Yöntemiyle CuAlMn Şeritlerin Üretimi ve Manyetik Özelliklerinin İncelenmesi**
ÖZTÜRK S., EROĞLU M., SÜNBÜL S. E., GÖLBAŞI Z., İÇİN K., ÖZTÜRK B.
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), Bayburt, Turkey, 21 - 23 September 2017
- V. **Production Of AA2024 Aluminum Alloy Ribbons By Melt Spinning Process**
Öztürk S., Sünbül S. E., Gölbaşı Z., İçin K., Öztürk B.
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), Bayburt, Turkey, 21 - 23 September 2017
- VI. **Effects of Tin on the Mechanical and Tribological Preoperties of Titanium-Based Implant Materials**
ÖZTÜRK B., GÖLBAŞI Z., ÖZTÜRK S.
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), Bayburt, Turkey, 21 - 23 September 2017, pp.512-520
- VII. **Effects of Tin on the Mechanical and Tribological Properties of Titanium-Based Implant Materials**
ÖZTÜRK B., GÖLBAŞI Z., ÖZTÜRK S.
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), Bayburt, Turkey, 21 - 23 September 2017, pp.456-464
- VIII. **INVESTIGATION OF THE MECHANICAL AND TRIBOLOGICAL PROPERTIES OF Ti-6Al-XNbALLOYS**
Öztürk B., Gölbaşı Z., Cora Ö. N., ÖZTÜRK S.
International Porous and Powder Materials Symposium and Exhibition PPM 2015, İzmir, Turkey, 15 - 18

Supported Projects

ÖZTÜRK B., GÖLBAŞI Z., Project Supported by Higher Education Institutions, Metalik Köpük Üretimi ve Performans Değerlendirmeleri, 2018 - 2023

Metrics

Publication: 13

Citation (WoS): 25

Citation (Scopus): 29

H-Index (WoS): 3

H-Index (Scopus): 3