

Res. Asst. PhD ZAFER GÖLBAŞI

Personal Information

Office Phone: [+90 462 377 3641](tel:+904623773641)

Email: zgolbasi@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr/zgolbasi>

International Researcher IDs

ORCID: 0000-0002-9577-7917

ScopusID: 58294988600

Yoksis Researcher ID: 184641

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

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

- I. The structural and mechanical properties of open-cell aluminum foams: Dependency on porosity, pore size, and ceramic particle addition**
GÖLBAŞI Z., ÖZTÜRK B., ULLER 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**
GÖLBAŞI Z., İÇİN K., SÜNBL 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., SÜNBL 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., SÜN BÜL S. E., İÇİN K.

POWDER TECHNOLOGY, vol.426, 2023 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- 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., SÜN BÜL 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., İcin 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 September 2015, pp.323-328

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): 16

Citation (Scopus): 21

H-Index (WoS): 2

H-Index (Scopus): 2