

Res. Asst. PhD TALHA SUNAR

Personal Information

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Address: Karabük Üniversitesi, Teknoloji Fakültesi, İmalat Mühendisliği Bölümü Üretim Metalurjisi Laboratuvarı Dök2 nolu of

Education Information

Under Graduate, Karabük Üniversitesi, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, Turkey 2015 - 2019

Doctorate, Karabük Üniversitesi, Fen Bilimleri Enstitüsü, İmalat Mühendisliği Ana Bilim Dalı, Turkey 2015 - 2019

Post Graduate, Süleyman Demirel Üniversitesi, Fen Bilimleri Enstitüsü, İmalat Mühendisliği Ana Bilim Dalı, Turkey 2013 - 2015

Under Graduate, Suleyman Demirel University, Teknik Eğitim Fakültesi, Mekatronik Eğitimi Bölümü, Turkey 2008 - 2012

Foreign Languages

English, B2 Upper Intermediate

Italian, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Certified SOLIDWORKS Associate (CSWA) Cert-No: C-WLLNVTWHWN, TEKYAZ TEKNOLOJİK YAZILIMLAR VE MAKİNA TİC. A.Ş., 2012

Dissertations

Doctorate, Açık gözenekli alüminyum köpük üretimi ve özelliklerinin geliştirilmesi, Karabük Üniversitesi, Fen Bilimleri Enstitüsü, İmalat Mühendisliği Ana Bilim Dalı, 2019

Post Graduate, Karbon-fiber takviyeli kompozit malzemelerin talaşlı imalatı'nın sonlu elemanlar simülasyonu / Finite element simulation of machining of carbon-fiber reinforced composite materials, Süleyman Demirel Üniversitesi, Fen Bilimleri Enstitüsü, İmalat Mühendisliği Ana Bilim Dalı, 2015

Research Areas

Mechanical Engineering, Construction and Manufacturing, Material, Machining Methods, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karabük Üniversitesi, Teknoloji Fakültesi, İmalat Mühendisliği Bölümü, 2014 - Continues

Professional Experience

Articles Published in Other Journals

- I. **An Experimental Study on Boron Carbide Reinforced Open Cell Aluminum Foams Produced via Infiltration Technique**
SUNAR T., ÇETİN M.
ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH, vol.8, pp.3640-3645, 2018 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **The investigation of influences of AlTi5B1 addition and T6 Heat Treatment on A357 alloy**
ÇETİN M., SUNAR T.
1st International Symposium on Light Alloys and Composite Materials (ISLAC'18), 22 - 24 March 2018
- II. **Production of shape memory Cu-Zn-Sn alloy**
SUNAR T., ÇETİN M.
1st International Conference of Advanced Materials and Manufacturing Technologies (ICAMT'17), 25 - 27 October 2017
- III. **Production Of Open Cell Aluminum Foam via Infiltration Method Casting Method**
MEDİK F., SUNAR T., ÇETİN M., YAŞAR M., TURAN L.
1st International Conference of Advanced Materials and Manufacturing Technologies (ICAMT'17), 25 - 26 October 2017
- IV. **Production Of Open Cell Aluminum Foam By Vacuum Casting Method**
ÇETİN M., SUNAR T.
2nd International Science Symposium "Science Festival", 5 - 08 September 2017
- V. **Production of Open Cell Aluminum Foam by Vacuum Casting Method**
SUNAR T., ÇETİN M.
IATS'17, 8th International Advanced Technologies Symposium, Fırat University, 16 - 18 May 2017
- VI. **Investigation of Mechanical Properties and Adhesive Wear of Etial 145 Alloy with 5 Nickel Added at T6 Heat Treatment**
ÇETİN M., SUNAR T.
8th International Advanced Technologies Symposium, 16 - 18 May 2017
- VII. **Influence of Ti and B Additions on Mechanical Properties of 316 Stainless Steel**
ÇETİN M., SUNAR T.
IATS'17, 8th International Advanced Technologies Symposium, Fırat University, 16 - 18 May 2017
- VIII. **Cutting Forces and 3D Surface Analysis of CFRP Milling with PCD Cutting Tools**
ÇOLAK O., SUNAR T.
3rd CIRP Conference on Surface Integrity, Charlottetown, Canada, 8 - 10 June 2016, vol.45, pp.75-78

Supported Projects

YAŞAR M., ÇETİN M., TUBITAK Project, Düzenli Ve Açık Gözenekli Geometride Metal Köpüklü Akış Kanalına Sahip Yüksek Performanslı Kompakt Isı Eşanjörü Tasarımı Ve Geliştirilmesi, 2016 - Continues

ÇETİN M., SUNAR T., Project Supported by Higher Education Institutions, Açık Gözenekli Alüminyum Köpük Üretimi ve Özelliklerinin Geliştirilmesi, 2017 - 2019

SUNAR T., Project Supported by Higher Education Institutions, KFTP Plakaların PCD takımlarla frezelenmesinde kesme kuvveti ve 3B yüzey analizi, 2016 - 2016

Citations

Total Citations (WOS):10

h-index (WOS):1