

Res. Asst. SEMİH AĞCA

Personal Information

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Education Information

Doctorate, Ankara Yıldırım Beyazıt Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 2017 - Continues

Post Graduate, Ankara Yıldırım Beyazıt Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 2014 - 2017

Post Graduate, Gazi Üniversitesi, Teknoloji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 2012 - 2016

Under Graduate, Gazi Üniversitesi, Teknik Eğitim Fakültesi, Metal Eğitimi Bölümü, Turkey 2006 - 2010

Foreign Languages

English, C1 Advanced

Dissertations

Post Graduate, Characterization of nuclear fuel rod cladding zirconium alloys, Ankara Yıldırım Beyazıt Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2017

Post Graduate, Alüminyum alaşımlarından santrifüj döküm yöntemi ile fonksiyonel derecelendirilmiş malzeme üretimi, Gazi Üniversitesi, Teknoloji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2016

Research Areas

Material science and engineering

Academic Titles / Tasks

Research Assistant, Ankara Yıldırım Beyazıt Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2014 - Continues

Research Assistant, Gazi Üniversitesi, Teknoloji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, 2011 - 2014

Articles Published in Other Journals

- The Effect of Production Parameters on Secondary Dendrite Arm Spacing (SDAS) and Estimation of Cooling Rate by SDAS in Functionally Graded Al-Cu Eutectic Alloy**
AĞCA S.
International Journal of Multidisciplinary Studies and Innovative Technologies, vol.1, no.1, pp.36-41, 2017

(Refereed Journals of Other Institutions)

II. The Effect of Cold Rolling on Mechanical Properties of Zircaloy-4

AĞCA S., ÇANKAYA G.

International Journal of Multidisciplinary Studies and Innovative Technologies, vol.1, no.1, pp.29-35, 2017

(Refereed Journals of Other Institutions)

III. Santrifüj Döküm Yöntemiyle Üretilen Al-Cu Fonksiyonel Derecelenmiş Malzemelerde Üretim Parametrelerinin Malzemenin Sertliği Üzerine Etkisi

AĞCA S., AKAR N.

Politeknik Dergisi, vol.20, no.1, pp.121-127, 2017 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

I. Growth of ZnS Buffer Layer by Sol-Gel Method for CIGS Solar Cell

AĞCA S., Çok B., ÇANKAYA G.

2nd International Congress on Semiconductor Materials Devices, Ardahan, Turkey, 28 - 30 August 2018, pp.82

II. Sol-Gel Deposition of ZnO Window Layer for CIGS Solar Cell

Ağca S., Bilgen M., Çankaya G.

2nd International Congress on Semiconductor Materials Devices, Ardahan, Turkey, 28 - 30 August 2018, pp.81

III. The Optimization of Functionally Graded Material Production by Taguchi Design of Experiment

AĞCA S., Ağca M., İPEK M., ÇANKAYA G.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 19 - 21 October 2018, pp.20

IV. Fabrication of Nuclear Fuel Rod Alloy Zircaloy-4 by Centrifugal Casting

Ağca S., Çankaya G.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 19 - 21 October 2018, pp.19

V. The Effect of Cold Rolling on Micro and Nano Scale Surface Roughness of Zircaloy-4

AĞCA S., ÇANKAYA G.

8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.1768-1775

VI. Investigation of the Effects of Cold Treatment on Wear Performance of AISI 8620 Carburized Steel

UÇAK N., ÇİÇEK A., AYVALI K., AĞCA S., ORHAN S.

8th International Advanced Technologies Symposium (IATS17), Elazığ, Turkey, 19 - 22 October 2017

VII. The Effect of Cold Rolling on Mechanical Properties of Zircaloy-4

AĞCA S., ÇANKAYA G.

1st International Symposium on Multidisciplinary Studies and Innovative Technologies, Tokat, Turkey, 2 - 04 November 2017, pp.307

VIII. The Effect of Production Parameters on Secondary Dendrite Arm Spacing (SDAS) and Estimation of Cooling Rate by SDAS in Functionally Graded Al-Cu Eutectic Alloy

AĞCA S.

1st International Symposium on Multidisciplinary Studies and Innovative Technologies, Tokat, Turkey, 2 - 04 November 2017, pp.308

IX. Effect of Process Parameters on Shrinkage Cavity Size in Al-Cu Functionally Graded Materials Fabricated by Centrifugal Casting

AĞCA S., neşet a.

1st International Conference on Engineering Technology and Applied Sciences, Afyonkarahisar, Turkey, 21 - 22 April 2016, pp.154-157

X. PERFORMANCE EVALUATION OF S700MC AND ST52 STEELS IN TERMS OF MECHANICAL PROPERTIES AND FATIGUE LIFE

Usta T., ÇİÇEK A., UÇAK N., ÇELİK V., AĞCA S.

25th Anniversary International Conference on Metallurgy and Materials (METAL), Brno, Czech Republic, 25 - 27

May 2016, pp.549-554

Scholarships

2211-C Yurt İçi Öncelikli Alanlar Doktora Burs Programı, TÜBİTAK, 2017 - Continues