

## Asst. Prof. ASLI ASİYE AĞIL

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: HIU-0149-2022

ScopusID: 56396760900

Yoksis Researcher ID: 227562

### Education Information

Doctorate, Eskişehir Technical University, Lisansüstü Eğitim Enstitüsü, Malzeme Bilimi Ve Mühendisliği (Dr), Turkey  
2016 - Continues

Postgraduate, Kahramanmaraş Sutcu Imam University, Fen Bilimleri Enstitüsü, Malzeme Bilimi Ve Mühendisliği (YI)  
(Tezli), Turkey 2014 - 2016

Undergraduate, Ankara University, Fen Fakültesi, Fizik Bölümü, Turkey 2005 - 2011

### Dissertations

Postgraduate, Yüksek Değerlikli Katyon (W, Mo) Katkılı BSCCO Külçe Süperiletkenlerin Üretimi ve Fiziksel Karakterizasyonu, Kahramanmaraş Sutcu Imam University, Fen Bilimleri Enstitüsü, Malzeme Bilimi Ve Mühendisliği (YI)  
(Tezli), 2016

### Academic Titles / Tasks

Assistant Professor, Hakkari University, Mühendislik Fakültesi, Malzeme Bilimi Ve Mühendisliği, 2024 - Continues

Research Assistant PhD, Hakkari University, Mühendislik Fakültesi, Malzeme Bilimi Ve Mühendisliği, 2023 - 2024

Research Assistant, Eskişehir Technical University, Mühendislik Fakültesi, Malzeme Bilimi Ve Mühendisliği Bölümü, 2017  
- 2023

Research Assistant, Hakkari University, Mühendislik Fakültesi, Malzeme Bilimi Ve Mühendisliği Bölümü, 2015 - 2017

### Courses

Materials Characterisation Techniques-II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Materials Characterisation Techniques-I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Materials Processing Laboratory-I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Materials Processing Laboratory-II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

General Chemistry Laboratory, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Pinning behaviour of carbon black reinforced MgB<sub>2</sub> superconductor fabricated by field assisted sintering technique**  
AĞIL H., AĞIL A. A., AYAS E.  
Journal of Physics and Chemistry of Solids, vol.189, 2024 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Spark Plazma Sinterleme Yöntemi ile Üretilen Karbon Fiber Kumaş Katkılı ZrB<sub>2</sub>-SiC Kompozitlerinin Yapısal ve Mekanik Özellikleri**  
AĞIL A. A., AYAS E.  
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.23, pp.991-1000, 2023 (Peer-Reviewed Journal)
- II. **Role of sintering conditions on structural and mechanical properties of carbon fiber fabric reinforced ZrB<sub>2</sub>-SiC composites**  
AĞIL A. A., AYAS E.  
European Mechanical Science, vol.6, no.4, pp.278-284, 2022 (Peer-Reviewed Journal)
- III. **Lüster Sırlarının Karakterizasyonuna Genel Bir Bakış**  
AĞIL A. A., KARASU B.  
El-Cezeri Journal of Science and Engineering, vol.6, pp.51-79, 2019 (Peer-Reviewed Journal)
- IV. **Effects of (Mo/W) Co-Doping on Bulk BSCCO Superconductor**  
AĞIL A. A., GÜNDOĞMUŞ H., KARATAŞ Ş.  
CUMHURİYET SCIENCE JOURNAL, vol.39, pp.399-405, 2018 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of Chopped Carbon Fiber Reinforced on the Densification, Microstructural and Mechanical Properties of ZrB<sub>2</sub>-SiC Composites**  
AĞIL A. A., AYAS E.  
26. Ulusal Elektron Mikroskopi Kongresi, Eskişehir, Turkey, 20 - 23 September 2023
- II. **Research on the Impacts of SiC Reinforcement on the Densification, Microstructure, Electrical and Magnetic Properties of MgB<sub>2</sub> Bulk Superconductors Produced by In-Situ Spark Plasma Sintering (SPS) Technique**  
AĞIL H., AĞIL A. A., GÜNER S. B., AYAS E.  
8th International Conference on Superconductivity and Magnetism (ICSM2023), Muğla, Turkey, 04 May 2023, pp.363
- III. **EFFECTS OF SINTERING TEMPERATURE ON PROPERTIES OF CARBON FIBER REINFORCED ULTRA-HIGH TEMPERATURE CERAMICS**  
AĞIL A. A., AYAS E.  
2ND INTERNATIONAL AZERBAIJAN CONGRESS ON LIFE, SOCIAL, HEALTH, AND ART SCIENCE, Turkey, 13 August 2022
- IV. **Effect of (MoO<sub>3</sub>/ WO<sub>3</sub>) co-doping on the magneto resistivity and flux pinning energy of the BPSCCO superconductors**  
AĞIL A. A., GÜNDOĞMUŞ H., KARATAŞ Ş.  
IV. IMCOFE International Multidisciplinary Congress of Eurasia., Roma, Italy, 23 - 25 August 2017
- V. **The role of (MoO<sub>3</sub>/WO<sub>3</sub>) co-doping on bismuth based superconducting materials**  
AĞIL A. A., GÜNDOĞMUŞ H., KARATAŞ Ş.  
33. Uluslararası Türk Fizik Derneği Fizik Kongresi, 6 - 10 September 2017
- VI. **The Effect of (MoO<sub>3</sub>/ WO<sub>3</sub>) co-doping and Physical Characterization on Bulk BSCCO Superconductor**  
AĞIL A. A., GÜNDOĞMUŞ H., KARATAŞ Ş.

## **Metrics**

Publication: 11

H-Index (WoS): 1