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Personal Information

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International Researcher IDs

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

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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, 2015 - 2017

Courses

Undergraduate

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 MgB₂ 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 ZrB₂-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 ZrB₂-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)

Papers Published in Refereed Scientific Meetings

- I. **Effects of Chopped Carbon Fiber Reinforced on the Densification, Microstructural and Mechanical Properties of ZrB₂-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 MgB₂ 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 (MoO₃/ WO₃) 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 (MoO₃/WO₃) 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 (MoO₃/ WO₃) co-doping and Physical Characterization on Bulk BSCCO Superconductor

AĐIL A. A., GÜNDOĐMUŐ H., KARATAŐ Ő.

International Physics Conference at the Anatolian Peak (IPCAP 2016, Turkey, 25 February 2016)

Metrics

Publication: 11

H-Index (WoS): 1