

Asst. Prof. Fulya KARAÇORA

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2018 - 2024

Postgraduate, Cukurova University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2012 - 2018

Undergraduate, Cukurova University, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 2003 - 2007

Dissertations

Postgraduate, INVESTIGATION OF ASYMMETRIC TRANSMISSION PROPERTIES IN 2-D PHOTONIC CRYSTALS, Cukurova University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2018

Research Areas

Physics

Academic Titles / Tasks

Assistant Professor, Hakkari University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2025 - Continues

Research Assistant, Hakkari University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2013 - 2025

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Refinement of the Bi-2212 characteristics through sodium-lithium co-doping**
KARAÇORA F., GÜRSUL M., ÖZÇELİK B.
Journal of Materials Science: Materials in Electronics, vol.36, no.1, 2025 (SCI-Expanded)
- II. **Structural, superconducting and vortex pinning properties of Nb-substituted Bi-2212 ceramic superconductor**
Karaçora Nane F., ÖZÇELİK B.
Journal of Materials Science: Materials in Electronics, vol.30, no.13, pp.12783-12789, 2019 (SCI-Expanded)
- III. **Effect of Na-substitution on magnetoresistance and flux pinning energy of Bi-2212 ceramics**

prepared via hot-forging process

ÖZÇELİK B., GÜRSUL M., NANE F., MADRE M., SOTELO A.

Journal of Materials Science: Materials in Electronics, vol.29, no.22, pp.19147-19154, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of Asymmetric Transmission Properties of 2D Metallic Photonic Crystal for Optical Diode Application**
KARAÇORA NANE F., İKİZ T.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.34, no.4, pp.225-229, 2019 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **Role of Bi-Site Zn substitution on structural, superconducting and magnetic features of Bi-2212**
KARAÇORA F., GÜRSUL M., ÖZÇELİK B.
1st International Conference on Engineering, Natural and Social Sciences, Konya, Turkey, 20 - 22 December 2022
- II. **Theoretical Investigation of Transmission Properties of 2-D Photonic Crystal based on Metallic Gratings for Bandpass Filter Application**
KARAÇORA F., İKİZ T.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018
- III. **Asymmetric Transmission Properties of 2-D Photonic Crystal based on Metallic Gratings for Optical Diode Application**
KARAÇORA F., İKİZ T.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018
- IV. **Effect of Rb Substitution on Bi₂Sr₂CaCu₂O_{8+δ} Superconductors**
ERGİN İ., KARAÇORA F., MADRE M. A., SOTELO A., ÖZÇELİK B.
6th International Conference on Superconductivity and Magnetism (ICSM2018), Antalya, Turkey, 29 April - 04 May 2018
- V. **ELECTRICAL PROPERTIES AND FLUX PINNING ENERGY OF Y- SUBSTITUTED Bi₂Sr₂CaCu₂O_{8+δ} SUPERCONDUCTORS**
KARAÇORA NANE F., GÜRSUL M., ERGİN İ., MADRE M. A., SOTELO A., ÖZÇELİK B.
6th International Conference on Superconductivity and Magnetism (ICSM2018), Antalya, Turkey, 29 April - 04 May 2018
- VI. **ELECTRICAL PROPERTIES AND FLUX PINNING ENERGY OF Bi₂Sr₂Ca_{1-x}NaxCu₂O_{8+δ} FIBERS**
KARAÇORA NANE F., GÜRSUL M., ERGİN İ., MADRE M. A., SOTELO A., ÖZÇELİK B.
6th International Conference on Superconductivity and Magnetism (ICSM2018), Antalya, Turkey, 29 April - 04 May 2018
- VII. **Effect of Cs Substitution on Bi₂Sr₂CaCu₂O_{8+δ} Bulk Ceramic Superconductors**
ERGİN İ., KARAÇORA F., MADRE M. A., SOTELO A., ÖZÇELİK B.
6th International Conference on Superconductivity and Magnetism (ICSM2018), Antalya, Turkey, 29 April - 04 May 2018
- VIII. **EFFECT OF Na SUBSTITUTION ON SUPERCONDUCTING PROPERTIES, MAGNETORESISTANCE AND FLUX PINNING ENERGY OF Bi-2212 CERAMICS PREPARED BY SINTER-FORGED PROCESS**
GÜRSUL M., KARAÇORA NANE F., SOTELO A., MADRE M. A., ÖZÇELİK B.
6th International Conference on Superconductivity and Magnetism (ICSM2018), Antalya, Turkey, 29 April - 04 May 2018

IX. Investigation of Transmission Properties of Double Grating Structures Made of Different Metallic Metaterials FDTD Study

KARAÇORA NANE F., ŞİMŞEK Ş.

9th International Conference on Magnetic and Superconducting Materials (MSM15), 30 April - 03 May 2015

X. Band Structure and Optical Properties of anisotropic SbSI Photonic Crystal

KARAÇORA NANE F., ŞİMŞEK Ş.

9th International Conference on Magnetic and Superconducting Materials (MSM15), Antalya, Turkey, 30 April - 03 May 2015

Metrics

Publication: 14

Citation (Scopus): 10

H-Index (Scopus): 2