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### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: HGU-8310-2022

Yoksis Researcher ID: 339239

### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2020 - Continues

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2016 - 2019

Undergraduate, Ondokuz Mayıs University, Faculty Of Engineering, Department Of Materials Science And Engineering, Turkey 2011 - 2015

### Dissertations

Postgraduate, Cs katkısının BSCCO süperiletkeninin fiziksel özellikleri üzerindeki etkilerinin araştırılması, Cukurova University, Fen Bilimleri Enstitüsü, Fizik, 2019

### Research Areas

Material science and engineering, Physics, Chemistry

### Academic Titles / Tasks

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2021 - Continues

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

- I. **A comparative study of the correlation among the phase formation, crystal stability and magnetic properties of SrFe<sub>12-x</sub>M<sub>x</sub>O<sub>19</sub> (M=Al<sup>3+</sup>, Cr<sup>3+</sup> and Mn<sup>3+</sup>, x=0-0.5) ferrite permanent magnets**  
Ergin İ., İçin K., Sünbül S. E., Öztürk S.  
JOURNAL OF SOLID STATE CHEMISTRY, vol.324, no.124126, pp.1-16, 2023 (SCI-Expanded)
- II. **Impact of magnetic field on the translocation of iron oxide nanoparticles (Fe<sub>3</sub>O<sub>4</sub>) in barley seedlings (Hordeum vulgare L.)**  
Ergin İ.

3 Biotech, vol.13, no.1, pp.1-12, 2023 (SCI-Expanded)

- III. **Detailed studies on structural, morphological, optical, magnetic and mossbauer properties of Cu-substituted cobalt ferrite nanoparticles**  
Ergin İ., İçin K., Güngüneş H., Özçelik B.  
PHYSICA SCRIPTA, vol.98, no.035807, pp.1-12, 2023 (SCI-Expanded)
- IV. **Impact of silver addition on the superconducting performances of Bi<sub>2</sub>Sr<sub>2</sub>Ca<sub>0.925</sub>Na<sub>0.075</sub>Cu<sub>2</sub>O<sub>y</sub>:Ag composite fibers**  
Atilla B., Ergin İ., Gürsul M., Özçelik B.  
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.1, no.1, pp.1-10, 2022 (SCI-Expanded)
- V. **Investigation of nano-crystalline strontium hexaferrite magnet powder from mill scale waste by the mechanochemical synthesis: Effect of the annealing temperature**  
İçin K., Ergin İ., Sünbül S. E., Öztürk S., Özçelik B., Çakıl D. D.  
MATERIALS CHEMISTRY AND PHYSICS, vol.290, no.126513, pp.1-15, 2022 (SCI-Expanded)
- VI. **Role of Y substitution for Ca-site on magneto-resistivity properties of Bi-2212 superconductor rods prepared by LFZ**  
GÜRSUL M., Ozcelik C., ERGİN İ., Madre M. A., Sotelo A., ÖZÇELİK B.  
MATERIALS CHEMISTRY AND PHYSICS, vol.282, 2022 (SCI-Expanded)
- VII. **Significant enhancement of superconducting performances of Bi-2212 fibers through combined sodium substitution and LFZ process**  
GÜRSUL M., Ergin İ., Ozcelik C., Depci T., ÖZÇELİK B., Madre M. A., Sotelo A.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.32, no.13, pp.17686-17699, 2021 (SCI-Expanded)
- VIII. **Effect of Rubidium Substitution on the Physical and Superconducting Properties of Textured High-Tc BSCCO Samples**  
Ozcelik B., Ergin İ., Madre M. A., Sotelo A.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.33, no.5, pp.1285-1292, 2020 (SCI-Expanded)
- IX. **Effect of Cesium Substitution on the Superconducting Properties of Bi-2212 Samples Prepared Via Solid-State Reaction and Laser Floating Zone Technique**  
Ergin İ., Ozcelik B., Madre M. A., Sotelo A.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.32, no.11, pp.3439-3448, 2019 (SCI-Expanded)
- X. **Effect of Carbon Nanotube Addition on the Superconducting Properties of BSCCO Samples Textured via Laser Floating Zone Technique**  
Ozcelik B., Ergin İ., Depci T., Yavuz H., Madre M. A., Sotelo A.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.32, no.10, pp.3135-3141, 2019 (SCI-Expanded)

## Metrics

Publication: 12

Citation (WoS): 15

Citation (Scopus): 18

H-Index (WoS): 3

H-Index (Scopus): 4