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

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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 özelliklerini 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. Remarkable variation in microstructural, thermoelectric, and magnetic properties of CaMnO₃ through Ce doping

GÜRSUL M., ÇETİN G., ERGİN İ., Korkmaz L., ÖZCELİK B., Torres M., Madre M., Sotelo A.

Materials Science and Engineering: B, vol.299, 2024 (SCI-Expanded)

II. A comparative study of the correlation among the phase formation, crystal stability and magnetic properties of SrFe_{12-x}M_xO₁₉ (M=Al³⁺, Cr³⁺ and Mn³⁺, x=0-0.5) ferrite permanent magnets

- Ergin İ., İçin K., Sünbul S. E., Öztürk S.
 JOURNAL OF SOLID STATE CHEMISTRY, vol.324, no.124126, pp.1-16, 2023 (SCI-Expanded)
- III. Impact of magnetic field on the translocation of iron oxide nanoparticles ($Fe_{3}O_4$) in barley seedlings (*Hordeum vulgare L.*)
 Ergin İ.
 3 Biotech, vol.13, no.1, pp.1-12, 2023 (SCI-Expanded)
- IV. 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)
- 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., Sünbul S. E., Öztürk S., Özçelik B., Çakıl D. D.
 MATERIALS CHEMISTRY AND PHYSICS, vol.290, no.126513, pp.1-15, 2022 (SCI-Expanded)
- VI. Impact of silver addition on the superconducting performances of $Bi_2Sr_2Ca_0.925Na_0.075Cu_2O_y:Ag$ 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)
- VII. 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)
- VIII. 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)
- IX. 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)
- X. 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)
- XI. 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)

Refereed Congress / Symposium Publications in Proceedings

- I. Physical properties of NiO added Bi-2212 superconducting ceramics
 GÜRSUL M., ERGİN İ., ÖZÇELİK C.
 5th International Mediterranean Science and Engineering Congress (IMSEC 2020), Antalya, Turkey, 21 - 23 October 2020
- II. ELECTRICAL PROPERTIES AND FLUX PINNING ENERGY OF $Bi_2Sr_2Ca_{1-x}Na_xCu_2O_{8+\delta}$ 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

III. ELECTRICAL PROPERTIES AND FLUX PINNING ENERGY OF Y- SUBSTITUTED $\text{Bi}_2\text{Sr}_2\text{Ca}\text{Cu}_2\text{O}_{8+\delta}$ 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

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