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International Researcher IDs

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Education Information

Doctorate, Bilecik Seyh Edebali University, Lisansüstü Eğitim Enstitüsü, Metalurji Ve Malzeme Mühendisliği (Dr), Turkey
2021 - Continues

Postgraduate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Metalurji Ve Malzeme Mühendisliği (YI) (Tezli),
Turkey 2018 - 2021

Undergraduate, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Metalurji Ve Malzeme Mühendisliği
Bölümü, Turkey 2013 - 2017

Research Areas

Material science and engineering, Semiconductor and Superconductor Materials, Material Characterization,
Nanomaterials

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Ultrasound-assisted synthesis of rGO/SiO₂-based nanosheets and their electrochemical performances in Li-ion batteries**
Lökçü E., CAN S., Anik M.
Turkish Journal of Chemistry, vol.47, no.2, pp.495-503, 2023 (SCI-Expanded)
- II. **Effect of rGO loading on the electrochemical performance of Li₂Si₅/rGO composite anodes for lithium-ion batteries**
Çelikkalek Z., CAN S., LÖKÇÜ E., ANIK M.
International Journal of Energy Research, vol.46, no.2, pp.1137-1145, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Chemical Etching on Boron Nitride Film Formation on Glass Surfaces by Hydrothermal Method**
Can S., Kuru D., Emir P.
13. Uluslararası Akademik Araştırmalar Kongresi , Çankırı, Turkey, 7 - 08 May 2024, pp.1-2
- II. **Electrochemical Deposition of Colored Copper Oxide Films On Plastic Substrates**

Çolak A., CAN S., Balcı H., KURU C.

2nd INTERNATIONAL CONGRESS ON ENGINEERING AND SCIENCES, Turkey, 16 December 2023

III. **Synthesis and Characterization of rGO@SiO₂ Nanostructures for Li-Ion Batteries**

CAN S., ÇAYIRLI M., LÖKÇÜ E., ANIK M.

International Congress of Engineering and Natural Sciences, Ankara, Turkey, 7 - 09 May 2021

IV. **Microstructural and Electrochemical Properties of (Mg_{0.2}Co_{0.2}Ni_{0.2}Zn_{0.2}Li_{0.1}Al_{0.1})O High Entropy Oxide Anode**

ÇAYIRLI M., CAN S., LÖKÇÜ E., ANIK M.

International Congress of Engineering and Natural Sciences, Ankara, Turkey, 7 - 09 May 2021

V. **Synthesis of Li₂Si₅/reduced graphene oxide nanocomposite as anode material for Li-ion batteries**

CAN S., LÖKÇÜ E., ANIK M.

2nd International Conference on Natural and Applied Science and Engineering (ICNASSEN 2020), Antalya, Turkey, 21 - 25 October 2020

Supported Projects

KURU C., CAN S., Project Supported by Higher Education Institutions, Hidrojen Oluşum Reaksiyonu İçin Geçiş Metali Dikalgojenitleri Nanoparçacıklarının Mekanokimyasal Sentez Yöntemi İle Geniş Ölçekli Üretimi, 2023 - Continues

KURU D., CAN S., EMİR P., Project Supported by Higher Education Institutions, Cam Yüzeyler Üzerinde Bor Nitrür Filmlerinin Hidrotermal Sentez Yöntemi ile Kaplanması ve Karakterizasyonu, 2023 - Continues