

Res. Asst. UĞUR YORULMAZ

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Fizik (Dr), Turkey 2019 - Continues

Postgraduate, Eskişehir Technical University, Institute Of Science, Malzeme Bilimi Ve Mühendisliği (YI) (Tezli), Turkey 2014 - 2018

Undergraduate, Anadolu University, Faculty Of Science, Department Of Physics, Turkey 2009 - 2018

Dissertations

Postgraduate, İki boyutlu mxene kristallerinin mekanik ve dinamik özelliklerinin temel prensiplere dayalı yöntemler ile incelenmesi ve araştırılması, Eskişehir Technical University, Fen Bilimleri Enstitüsü, Malzeme Bilimi Ve Mühendisliği (YI) (Tezli), 2018

Research Areas

Material science and engineering, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties

Academic Titles / Tasks

Research Assistant, Eskisehir Osmangazi University, FEN FAKÜLTESİ, FİZİK BÖLÜMÜ, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Goodenough-Kanamori-Anderson high-temperature ferromagnetism in tetragonal transition-metal xenes**
YORULMAZ U., Şabani D., Sevik C., Milošević M.
2D Materials, vol.11, no.3, 2024 (SCI-Expanded)
- II. High-throughput analysis of tetragonal transition metal Xenes**
YORULMAZ U., Sabani D., Yagmurcukardes M., Sevik C., Milosevic M. V.
PHYSICAL CHEMISTRY CHEMICAL PHYSICS, vol.24, no.48, pp.29406-29412, 2022 (SCI-Expanded)
- III. Controlled CVD growth of ultrathin M o 2 C (MXene) flakes**
Öper M., YORULMAZ U., Sevik C., Ay F., Perkgöz N. K.
Journal of Applied Physics, vol.131, no.2, 2022 (SCI-Expanded)

- IV. **The effect of sulphur amount in sulphurization stage on secondary phases in Cu₂SnS₃(CTS) films**
Sozak I. M. S., Yorulmaz U., Atay F., Akyüz İ.
CURRENT APPLIED PHYSICS, vol.26, pp.64-71, 2021 (SCI-Expanded)
- V. **A systematic lab-initiated review of promising 2D MXene monolayers towards Li-ion battery applications**
YORULMAZ U., Demiroglu I., Cakir D., GÜLSEREN O., Sevik C.
JOURNAL OF PHYSICS-ENERGY, vol.2, no.3, 2020 (SCI-Expanded)
- VI. **Vibrational and mechanical properties of single layer MXene structures: a first-principles investigation**
Yorulmaz U., Ozden A., Perkgoz N. K., Ay F., Sevik C.
NANOTECHNOLOGY, vol.27, no.33, 2016 (SCI-Expanded)

Metrics

Publication: 6

Citation (WoS): 189

Citation (Scopus): 205

H-Index (WoS): 3

H-Index (Scopus): 3

Non Academic Experience

Kazcioğlu Otomotiv

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