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International Researcher IDs

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Publons / Web Of Science ResearcherID: AGA-5212-2022

ScopusID: 57572587200

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Education Information

Doctorate, Gazi University, Fen Fakültesi, Fizik, Turkey 2022 - Continues

Postgraduate, Ankara University, Fen Fakültesi, Fizik Bölümü, Turkey 2018 - 2021

Dissertations

Postgraduate, Entropic Uncertainty Relations and Some Applications of Quantum Information Theory, Ankara University, Fen Fakültesi, Fizik Bölümü, 2021

Research Areas

Physics, Natural Sciences

Academic Titles / Tasks

Research Assistant, Gazi University, Fen Fakültesi, Fizik, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Structural, electronic, elastic and optical properties of double spinel MgAlGaO₄: a DFT investigation**
Kushwaha A., GÜLER E., ÖZDEMİR A., GENÇ A. E., UĞUR G.
Indian Journal of Physics, 2024 (SCI-Expanded)
- II. **DFT predictions of the electronic, phonon, optical, and thermoelectric characteristics of CaCu₂S₂**
GÜLER E., GÜLER M., ÖZDEMİR A., GENÇ A. E., UĞUR G., UĞUR Ş.
MRS COMMUNICATIONS, vol.13, no.6, pp.1320-1325, 2023 (SCI-Expanded)
- III. **Investigating the electronic, elastic, mechanical, anisotropic, and optical aspects of Sc₂RuZ (Z: Al, Ga, and In) full Heusler alloys from the first principles**
GÜLER M., UĞUR Ş., GÜLER E., ÖZDEMİR A., Kushwaha A., GENÇ A. E., UĞUR G.

- PHYSCA B-CONDENSED MATTER, vol.659, 2023 (SCI-Expanded)
- IV. Study of Structural, optoelectronic and elastic properties of MAX phase of Ti₂BrX (X = B, C and N) by density functional theory
Kushwaha A., Genç A., Özdemir A., Güler M., Uğur Ş.
INORGANIC CHEMISTRY COMMUNICATIONS, vol.150, 2023 (SCI-Expanded)
- V. Revealing the electronic, optical, phonon and thermoelectrical characteristics of bulk and monolayered RbLiS and RbLiSe compounds by DFT
GÜLER E., UĞUR Ş., Güler M., ÖZDEMİR A., UĞUR G.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.170, 2022 (SCI-Expanded)
- VI. Analyzing the electronic and optical properties of bulk, unstrained, and strained monolayers of SrS₂ by DFT
Uğur Ş., Güler E., Güler M., Özdemir A., Uğur G.
PHYSICA E: LOW-DIMENSIONAL SYSTEMS AND NANOSTRUCTURES, vol.143, pp.115403, 2022 (SCI-Expanded)
- VII. Electronic, elastic, mechanical and anisotropic response of W₃XC₂ (X: Si, Ge and Al) alloys via first-principles
Güler E., Güler M., Uğur Ş., Özdemir A., Uğur G.
SOLID STATE COMMUNICATIONS, vol.343, 2022 (SCI-Expanded)
- VIII. Probing the electronic, elastic, mechanical and anisotropic features of ZrTiX₄ alloys via density functional theory
UĞUR G., Ugur S., Ozdemir A., GÜLER M., GÜLER E.
EPL, vol.137, no.4, 2022 (SCI-Expanded)

Metrics

Publication: 8
Citation (WoS): 12
Citation (Scopus): 13
H-Index (WoS): 3
H-Index (Scopus): 2