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International Researcher IDs

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

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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, vol.98, no.12, pp.4011-4017, 2024 (SCI-Expanded)
- II. DFT analysis of the electronic, optical, phonon, elastic, and mechanical features of ternary Rb₂XS₃ (X = Si, Ge, Sn) chalcogenides**
UĞUR Ş., GÜLER M., ÖZDEMİR A., GÜLER E., UĞUR G.
Optical and Quantum Electronics, vol.56, no.7, 2024 (SCI-Expanded)
- III. 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)

- IV. **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.
PHYSICA B-CONDENSED MATTER, vol.659, 2023 (SCI-Expanded)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **Probing the electronic, elastic, mechanical and anisotropic features of ZrTiX₄ alloys via density functional theory**
UĞUR G., Uğur S., Ozdemir A., GÜLER M., GÜLER E.
EPL, vol.137, no.4, 2022 (SCI-Expanded)
- IX. **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)

Metrics

Publication: 9

Citation (WoS): 20

Citation (Scopus): 18

H-Index (WoS): 3

H-Index (Scopus): 3