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Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Fen Fakültesi Bölümü, Turkey 2018 - Continues
Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Fen Fakültesi Bölümü, Turkey 2012 - 2018
Undergraduate, Istanbul University, Faculty Of Science, Department Of Physics, Turkey 2005 - 2010

Dissertations

Postgraduate, Defect Characterization Using Laplace Deep Level Transient Spectroscopy (LDLTS) Technique, Istanbul University, Institute of Graduate Studies In Sciences, Fen Fakültesi Bölümü, 2018

Research Areas

Physics, General Physics, Natural Sciences

Academic Titles / Tasks

Research Assistant, Istanbul University, Faculty of Science, Department of Physics, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Enhancement of light emission characteristic of a GaAs-based Gunn light emitting diode with a quasi-cavity**
MUTLU S., KALYON G., SARCAN F., ERBAŞ Ö. G., EROL A.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.169, 2024 (SCI-Expanded)

II. **Characterization of a GaAs/GaAsBi pin solar cell**
Muhammetgulyyev A., Erbas Ö. G., Kinaci B., Donmez Ö., Celebi Y. G., Erol A.
SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.34, no.8, 2019 (SCI-Expanded)

Supported Projects

Supported Projects

SARCAN F., ERBAŞ Ö. G., EROL A., Project Supported by Higher Education Institutions, MgNiO ve CuNiO yarıiletkenlerinin yapısal optik elektriksel ve manyetik karakterizasyonu ve fotodedektör uygulamaları, 2021 - Continues

Metrics

Publication: 2
Citation (WoS): 14
Citation (Scopus): 14
H-Index (WoS): 1
H-Index (Scopus): 1