

Personal Information

Email: uzgur@metu.edu.tr

Web: <https://avesis.metu.edu.tr/uzgur>

Address: ODTÜ Elektrik ve Elektronik Mühendisliği G- Blok

International Researcher IDs

ScholarID: FrZBETEAAAAJ

ORCID: 0000-0001-9142-8798

Publons / Web Of Science ResearcherID: AAP-9805-2021

ScopusID: 57195136686

Yoksis Researcher ID: 143987

Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Mikro Ve Nanoteknoloji (YI) (Tezli), Turkey 2009 - Continues

Postgraduate, Ataturk University, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, Turkey 2006 - Continues

Undergraduate Double Major, Ataturk University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2004 - 2007

Undergraduate, Ataturk University, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 2002 - 2006

Foreign Languages

English, B2 Upper Intermediate

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Dual-band InGaAs nBn photodetectors at 2 μ m**
ŞAHİN A., GÜL M. S., UZGUR F., KOCAMAN S.
APPLIED PHYSICS LETTERS, vol.120, no.9, 2022 (SCI-Expanded)
- II. **Barrier engineering for HgCdTe unipolar detectors on alternative substrates**
Uzgur F., Kocaman S.
INFRARED PHYSICS & TECHNOLOGY, vol.97, pp.123-128, 2019 (SCI-Expanded)
- III. **InGaAs nBn SWIR detector design with lattice-matched InAlGaAs barrier**
UZGUR F., KOCAMAN S.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.27, no.1, pp.1-10, 2019 (SCI-Expanded)
- IV. **All InGaAs Unipolar Barrier Infrared Detectors**
Uzgur F., Karaca U., Kizilkan E., Kocaman S.
IEEE TRANSACTIONS ON ELECTRON DEVICES, vol.65, pp.1397-1403, 2018 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. A Dual-Band HgCdTe nBn Infrared Detector Design

UZGUR F., KOCAMAN S.

Conference on Infrared Sensors, Devices, and Applications IX as part of SPIE Optics + Photonics Conference, California, United States Of America, 14 - 15 August 2019, vol.11129

II. nBn Detector Designs Based on Delta Doping and Compositional Grading

UZGUR F., KOCAMAN S.

Quantum Structure Infrared Photodetector International Conference QSIP 2018, 16 - 21 June 2018

III. Al/Sb Free InGaAs Unipolar Barrier Infrared Detectors

UZGUR F., Karaca U., Kizilkan E., KOCAMAN S.

Conference on Infrared Technology and Applications XLIII, California, United States Of America, 9 - 13 April 2017, vol.10177

Metrics

Publication: 7

Citation (WoS): 46

Citation (Scopus): 57

H-Index (WoS): 3

H-Index (Scopus): 3