

Res. Asst. VOLKAN KIZILOĞLU

Personal Information

Office Phone: [+90 312 582 3309](tel:+903125823309)

Fax Phone: [+90 312 202 3710](tel:+903122023710)

Email: volkankiziloglu@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/volkankiziloglu>

International Researcher IDs

ORCID: 0000-0002-0463-1219

Yoksis Researcher ID: 43657

Education Information

Doctorate, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2015 - Continues

Postgraduate, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2012 - 2015

Undergraduate, Ataturk University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2008 - 2012

Dissertations

Postgraduate, ARA BANT YAPILI GÜNEŞ PİL VERİMİNİN ARA BANDIN DOLULUK ORANIYLA DEĞİŞİMİ, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2015

Research Areas

Nanotechnology, Optics and Photonics, Renewable energy

Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2013 - Continues

Research Assistant, Erzurum Technical University, Faculty Of Engineering-Architecture, Department Of Electrical And Electronics Engineering, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. Comparison of three IBSCs in terms of photo-filling, capture cross section of carriers, the concentration of IB states and overlapping of absorption coefficients in the wide range of band gaps including GaAs
Kızıloğlu V., Navruz T. S., Saritas M.
Optik, vol.225, 2021 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Size Dependent Intermediate Band Energy Levels and Absorption of Bound States in Box Shaped Quantum Dots**
KIZILOĞLU V., NAVRUZ T. S., Saritas M.
International Conference on Photovoltaic Technologies (PVCon), Ankara, Turkey, 4 - 06 July 2018
- II. **The Efficiency Variation in IBSCs Due to the Occupation Factor of IB Level**
KIZILOĞLU V., NAVRUZ T. S., SARITAŞ M.
SOLARTR 2014 CONFERENCE EXHIBITION, 19 - 21 November 2014

Metrics

Publication: 3

Citation (WoS): 2

Citation (Scopus): 3

H-Index (WoS): 1

H-Index (Scopus): 1