

# Prof. PERİHAN DURMUŞ

## Personal Information

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## International Researcher IDs

ScholarID: Dglhq2QAAAAJ

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## Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 1995 - 2000

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), Turkey 1991 - 1994

Undergraduate, Gazi University, Fen-Edebiyat Fakültesi, Fizik Pr., Turkey 1983 - 1989

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Döteryum Molekülü İle Nin Atom Topaklarının Çarpışmasının İncelenmesi, Gazi University, Fen Bilimleri Enstitüsü, Fizik (Dr), 2000

Postgraduate, Exponansiyel Türdeki Bazı Potansiyeller İçin Schrödinger Denkleminin Çözümü, Gazi University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), 1994

## Research Areas

Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties

## Academic Titles / Tasks

Associate Professor, Gazi University, Fen Fakültesi, Fizik, 2012 - 2019

## Courses

Elektro manyetik Teori, Postgraduate, 2020 - 2021

Fizik, Undergraduate, 2020 - 2021

Fizik, Undergraduate, 2020 - 2021

Fizik Laboratuvarı, Undergraduate, 2020 - 2021

## Advising Theses

DURMUŞ P., The Investigation Of Temperature Dependence Of Electrical Parametres Of Au/Sio<sub>2</sub>/N-Si (Mis) Structures, Postgraduate, M.Yıldırım(Student), 2010

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of the frequency effect on electrical modulus and dielectric properties of Al/p-Si structure with %0.5 Bi:ZnO interfacial layer**  
Bengi S., ÇETİNKAYA H. G., ALTINDAL Ş., DURMUŞ P.  
Ionics, vol.30, no.6, pp.3651-3659, 2024 (SCI-Expanded)
- II. **The Frequency Dependent of Main Electrical Parameters, Conductivity and Surface States in the Al/ (%0.5 Bi:ZnO)/p-Si/Au (MIS) Structures**  
ÇETİNKAYA H. G., Bengi S., DURMUŞ P., Demirezen S., ALTINDAL Ş.  
Silicon, vol.16, no.5, pp.2315-2322, 2024 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **On the temperature and voltage dependence of electrical and dielectric properties of the Au Bi<sub>3</sub>Ti<sub>4</sub>O<sub>12</sub> n Si MFS structure in the temperature range of 120 380 K**  
CANAN S., DURMUŞ P., ALTINDAL Ş.  
1st International Conference on Organic Electronic Material Technologies (OEMT'2015) / 25-28 March 2015, Elazig, Turkey, 25 - 28 March 2015
- II. **Influence of Ar/O<sub>2</sub> ratio on the structural and optical properties of DC magnetron sputtered TiO<sub>2</sub> thin films**  
ÖZEN Y., KINACI B., ÇETİN S. Ş., DURMUŞ P., ÖZÇELİK S.  
Turkish Physical Society 27th International Physics Congress, İstanbul, Turkey, 14 - 17 September 2010
- III. **Püskürtme Yöntemiyle Hazırlanmış Farklı Ar/O<sub>2</sub> Oranlı TiO<sub>2</sub> İnce Filmlerin Optik Özelliklerinin İncelenmesi**  
ÖZEN Y., DURMUŞ P., ÖZÇELİK S.  
16. Yoğun Madde Fiziği Kongresi, Turkey, 06 November 2009

## Supported Projects

Durmuş P., Lişesivdin B., Project Supported by Higher Education Institutions, ARAYÜZEY TABAKALI METAL/YARIİLETKEN (MS) YAPILARDA ELEKTRİKSEL ÖZELLİKLERİN RADYASYON VE FREKANSA BAĞLI İNCELENMESİ, 2018 - 2020

## Metrics

Publication: 47

Citation (WoS): 97

Citation (Scopus): 100

H-Index (WoS): 6

H-Index (Scopus): 6

## **Non Academic Experience**

Gazi Üniversitesi Fen-Edebiyat Fakültesi Fizik Bölümü