

Prof. PERİHAN DURMUŞ

Personal Information

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International Researcher IDs

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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/Sio₂/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 Bi₃Ti₄O₁₂ 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, Elazığ, Turkey, 25 - 28 March 2015
- II. **Influence of Ar/O₂ ratio on the structural and optical properties of DC magnetron sputtered TiO₂ 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/O₂ Oranlı TiO₂ 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): 95

Citation (Scopus): 95

H-Index (WoS): 6

H-Index (Scopus): 6

Non Academic Experience

Gazi Üniversitesi Fen-Edebiyat Fakültesi Fizik Bölümü