

# **Prof. HÜSEYİN ZAFER DURUSOY**

## **Personal Information**

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## **Education Information**

Doctorate, University of California, Davis, Science And Arts, Physics, United States Of America 1979 - 1984

Postgraduate, Hacettepe University, Mühendislik Fakültesi, Fizik, Turkey 1976 - 1978

## **Foreign Languages**

English, C1 Advanced

## **Research Areas**

Physics, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Electrical properties of electronic structures, interfaces, thin films and low-dimensional structures, Natural Sciences

## **Academic Titles / Tasks**

Professor, Hacettepe University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 1984 - Continues

## **Advising Theses**

DURUSOY H. Z., TiN ve TiO<sub>2</sub> ince filmlerinin hazırlanması ve optik özelliklerinin incelenmesi, Postgraduate, A.BEGÜM(Student), 2010

DURUSOY H. Z., SiO<sub>2</sub> ve ZrO<sub>2</sub> ince filmlerin hazırlanması ve optik özelliklerinin incelenmesi, Postgraduate, H.ÇALIŞKAN(Student), 2009

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

- I. **Optimization of TiO(2) films prepared by reactive electron beam evaporation of Ti(3)O(5)**  
Duyar O., PLACIDO F., DURUSOY H. Z.  
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.41, no.9, 2008 (SCI-Expanded)
- II. **Influence of substrate temperature and bias voltage on the optical transmittance of TiN films**  
DURUSOY H. Z., Duyar Ö., Aydinli A., Ay F.  
User Modeling and User-Adapted Interaction, vol.70, no.1, pp.21-28, 2003 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **Design and Preparation of Antireflection and Reflection Optical Coatings**  
DUYAR COŞKUN Ö., DURUSOY H. Z.  
Turkish Journal of Physics, vol.28, pp.139-144, 2004 (Scopus)
- II. **Preparation and Optimization of High Quality TiN Films**  
DUYAR COŞKUN Ö., KOÇUM İ. C., DURUSOY H. Z.  
Turkish Journal of Physics, vol.27, pp.519-527, 2003 (Scopus)

## **Books & Book Chapters**

- I. **Complex Optical Filters by Microwave-assisted DC Magnetron Sputtering**  
FRANK P., DUYAR COŞKUN Ö., DURUSOY H. Z.  
in: Plasma Polymers and Related Materials, Mehmet Mutlu,George Dinescu,Renata Förch,José Miguel Martínez,Jiri Vyskocil, Editor, Hacettepe University Press, Ankara, pp.68-74, 2005

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **SiO<sub>2</sub> ve TiO<sub>2</sub> İnce Filmler Kullanılarak Yansıtmasız Filtre ve Yalıtkan Aynaların Tasarımı ve Hazırlanması**  
ÇALIŞKAN H., ARIĞ B., DUYAR COŞKUN Ö., DURUSOY H. Z.  
15. Yoğun Madde Fiziği Ankara Toplantısı, Turkey, 07 November 2008
- II. **Wideband Multilayer Antireflection Coating Prepared by nano sized dielectric films**  
DUYAR COŞKUN Ö., DURUSOY H. Z.  
NanoTr-3, Turkey, 11 - 14 June 2007

## **Supported Projects**

DURUSOY H. Z., TUBITAK Project, Brazing sistemi, 2014 - 2015

## **Metrics**

Publication: 7  
Citation (WoS): 71  
Citation (Scopus): 85  
H-Index (WoS): 2  
H-Index (Scopus): 2