

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 TiO₂ ince filmlerinin hazırlanması ve optik özelliklerinin incelenmesi, Postgraduate, A.BEGÜM(Student), 2010

DURUSOY H. Z., SiO₂ ve ZrO₂ ince filmlerin hazırlanması ve optik özelliklerinin incelenmesi, Postgraduate, H.ÇALIŞKAN(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimization of TiO₂ films prepared by reactive electron beam evaporation of Ti₃O₅**
Duyar O., PLACÍDO 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., Aydınli 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,Jose Miguel Martin-Martinez,Jiri Vyskocil, Editor, Hacettepe University Press, Ankara, pp.68-74, 2005

Refereed Congress / Symposium Publications in Proceedings

- I. **SiO₂ ve TiO₂ 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