

Lect. PhD DENİZ KADİR TAKCI

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: E-7892-2018

Yoksis Researcher ID: 261111

Education Information

Doctorate, Cukurova University, Fen Edebiyat Fakültesi, Fizik, Turkey 2011 - 2014

Postgraduate, Cukurova University, Fen Edebiyat Fakültesi, Fizik, Turkey 2008 - 2011

Undergraduate, Cukurova University, Fen Edebiyat Fakültesi, Fizik, Turkey 2001 - 2005

Dissertations

Doctorate, PFCVAD (Atmalı Filtreli Katodik Vakum Ark Depolama) Sistemiyle ZnO:Al (AZO) Bileşiklerinin Üretilmesi ve Fotovoltaik Özelliklerinin İncelenmesi., Cukurova University, Fen Edebiyat Fakültesi, Fizik, 2014

Research Areas

Physics, Atomic and Molecular Physics, Theory of Atoms and Molecules, Atomic Spectra and Photon Interactions, Atomic and Molecular Interactions, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Structure of Liquids and Solids; Crystallography, Surfaces, Interfaces, Thin Films and Nanosystems, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Electronic structure of bulk material, Electrical properties of electronic structures, interfaces, thin films and low-dimensional structures, Optical Properties, Spectroscopy of Matter, Electron and Ion Emission by Liquids and Solids, Natural Sciences

Academic Titles / Tasks

Lecturer PhD, Cukurova University, Rektörlük, Rektörlük, 2018 - Continues

Expert, Cukurova University, Rektörlük, Rektörlük, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effects of Al concentration on photovoltaic property of ZnO:Al/p-type Si by pulsed filtered cathodic vacuum arc depositio ri system**
TAKCI D. K., Tuzemen E. S., YILMAZ Ş., ESEN R.
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.9, pp.1549-1556, 2015 (SCI-Expanded)
- II. **Crystallinity improvement of ZnO nanorods by optimization of low-cost electrodeposition technique**

Ozdal T., Taktakoglu R., Ozdamar H., ESEN M., TAKCI D. K., KAVAK H.

THIN SOLID FILMS, vol.592, pp.143-149, 2015 (SCI-Expanded)

III. Comparison of N-doped ZnO and N-Al codoped ZnO thin films deposited by pulsed filtered cathodic vacuum arc deposition

Tuzemen E. S., Kara K., TAKCI D. K., ESEN R.

INDIAN JOURNAL OF PHYSICS, vol.89, no.4, pp.337-345, 2015 (SCI-Expanded)

IV. Structural and electrical properties of nitrogen-doped ZnO thin films

Tuzemen E. S., Kara K., Elagoz S., TAKCI D. K., ALTUNTAŞ İ., ESEN R.

APPLIED SURFACE SCIENCE, vol.318, pp.157-163, 2014 (SCI-Expanded)

V. Influence of Al concentration on structural and optical properties of Al-doped ZnO thin films

TAKCI D. K., Tuzemen E. S., Kara K., YILMAZ Ş., ESEN R., Baglayan O.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.25, no.5, pp.2078-2085, 2014 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. Fabrication and Photovoltaic Properties of Al-doped ZnO Thin Films

TAKCI D. K., ŞENADİM TÜZEMEN E., ESEN R.

MSNG2017, 28 - 30 June 2017

II. INVESTIGATION of OPTICAL BAND GAP of ZINC NITRIDE FILMS PREPARED by PULSED FILTERED CATHODIC VACUUM ARC DEPOSITION

TAKCI D. K., ŞENADİM TÜZEMEN E., ESEN R.

IMSEC 2016, 26 - 28 October 2016

III. Fabrication of artificial graphene lattices in sub-100 nm scale by electron beam lithography

İŞIK GÖKTAŞ N., TAKCI D. K., SONUŞEN S., GÖKTAŞ O.

12th International Nanoscience and Nanotechnology Conference, 3 - 05 June 2016

IV. Structural and Electrical Properties of Nitrogen-Doped ZnO Thin Films

ŞENADİM TÜZEMEN E., KARA K., ELAGÖZ S., TAKCI D. K., ALTUNTAŞ İ., ESEN R.

9th Nanoscience and Nanotechnology Conference, 24 - 28 June 2013, pp.402

V. Investigation of Electrical and Optical Properties ZnO:Al Compounds Prepared by Pulsed Filtered Cathodic Vacuum Arc Deposition Technique

TAKCI D. K., ERDOĞAN N. H., SEDEFOĞLU N., YILMAZ Ş., ESEN R., KAVAK H.

TFD 29. Uluslararası Fizik Kongresi, 5 - 08 September 2012, pp.619

VI. X-Ray Photoelectron Spectroscopy and Photoluminescence Analysis of N-Doped ZnO Thin films Prepared By Thermal Oxidation of Pulsed Filtered Cathodic Vacuum Arc Deposited Zn_xN_y Films

ERDOĞAN N. H., TAKCI D. K., SEDEFOĞLU N., ESEN R., KAVAK H.

TFD 29. Uluslararası Fizik Kongresi, 5 - 08 September 2012, pp.618

Supported Projects

KARDAŞ G., KIZILDAĞ N., EKİCİBİL A., MERYEMOĞLU B., ÇALYAN U., TAKCI D. K., KILIÇ ÇETİN S., Project Supported by Higher Education Institutions, Çukurova Üniversitesi Merkezi Araştırma Laboratuvarının Güçlendirilmesi, 2018 - 2021

Metrics

Publication: 11

Citation (WoS): 31

Citation (Scopus): 43

H-Index (WoS): 3

H-Index (Scopus): 3