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International Researcher IDs

ScholarID: [vh3XhpkAAAAJ](https://scholar.google.com/citations?user=vh3XhpkAAAAJ)

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Publons / Web Of Science ResearcherID: [AAF-9766-2021](https://publons.com/researcher/AAAF-9766-2021)

ScopusID: [36641235100](https://scopus.com/authid/detail.uri?authorId=36641235100)

Yoksis Researcher ID: [147735](https://yoksis.org.tr/researcher/147735)

Education Information

Doctorate, Anadolu University, Fen Bilimleri Enstitüsü, Turkey 2002 - 2010

Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Fizik, Turkey 1996 - 1999

Undergraduate, Hacettepe University, Eğitim Fakültesi, Fizik Eğitimi, Turkey 1984 - 1988

Foreign Languages

English, B1 Intermediate

German, B1 Intermediate

Dissertations

Doctorate, Anadolu University, Fen Bilimleri Enstitüsü, 2010

Postgraduate, Açık Kabuklu Atom ve Moleküller İçin Hartree-Fock Teorisi, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Fizik, 1999

Research Areas

Physics, Interdisciplinary Physics and Related Science and Technology Areas, Materials Science, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Elektrik ve Enerji, 2018 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Elektrik ve Enerji, 2012 - 2018

Research Assistant PhD, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2010 - 2012

Research Assistant, Anadolu University, Faculty Of Science, Fizik, 2002 - 2010

Research Assistant, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 1996 - 2002

Jury Memberships

Post Graduate, Fizik Yüksek Lisans Tez Savunması, ÇOMÜ Fen Bilimleri Enstitüsü, May, 2014

Competition, Orta Öğrenim Öğrencileri Fen Proje Yarışması, Orta Öğrenim Öğrencileri Fen Proje Yarışması, April, 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of the Structural, Optical, and Electrical Properties of ZnO/4-Amino-2-Methylquinoline p-n Heterojunction by Spin-Coating Method**
DEMİR R.
Physica Status Solidi (A) Applications and Materials Science, 2024 (SCI-Expanded)
- II. **Comparison of electrical characteristics of zinc oxide and cadmium sulfide films covered with 8-hydroxyquinoline for diode applications**
Demir R., Kaya İ.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.30, no.7, pp.7103-7109, 2019 (SCI-Expanded)
- III. **Humidity properties of Schiff base polymers**
Demir R., Kaya İ.
OPEN CHEMISTRY, vol.16, no.1, pp.937-943, 2018 (SCI-Expanded)
- IV. **STRUCTURAL, OPTICAL AND ELECTRICAL PROPERTIES OF NANOCRYSTALLINE CdS THIN FILMS GROWN BY CHEMICAL BATH DEPOSITION METHOD**
DEMİR R., Gode F.
CHALCOGENIDE LETTERS, vol.12, no.2, pp.43-50, 2015 (SCI-Expanded)
- V. **Electrical Characterization of CdS Nanoparticles for Humidity Sensing Applications**
DEMİR R., OKUR S., Seker M.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.51, no.8, pp.3309-3313, 2012 (SCI-Expanded)
- VI. **Humidity Sensing Properties of CdS Nanoparticles Synthesized by Chemical Bath Deposition Method**
Demir R., Okur S., Seker M., ZOR M.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.50, no.9, pp.5606-5610, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Electrical Characteristics of Cadmium Sulfide/4-Amino-2-Methyl-Quinoline Heterojunction Structure**
Demir R., Kaya İ.
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.20, no.1, pp.23-28, 2024 (Peer-Reviewed Journal)
- II. **Preparation and Characterization of Polycrystalline CdS Thin Films Deposited by Chemical Bath Deposition**
DEMİR R., GÖDE F.
MATERIALS FOCUS, vol.7, no.3, pp.351-355, 2018 (Peer-Reviewed Journal)
- III. **On the evaluation of determinantal wave functions in open-shell Hartree-Fock theory**
Guseinov I., Demir R.
TURKISH JOURNAL OF PHYSICS, vol.25, pp.407-414, 2001 (Scopus)

Books & Book Chapters

I. **Ortak yazıldı.**

Çağlar M., Turan E., Demir R., Aksoy S.

in: Fizik Laboratuvarı-II, Müjdat Çağlar, Editor, Anadolu Üniversitesi Fizik Bölümü Kurum İçi Basılı Materyal, Eskişehir, pp.1-0, 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **Poli(4,4'-diamino-difenil sülfon) bileşiğinin sentezi, ince filmlerinin hazırlanması ve diyod uygulaması**
Demir R., Kaya İ., Çulhaoğlu S.
Ases II. International Bandırma Scientific Studies Conference, Balıkesir, Turkey, 15 - 17 March 2024, pp.498-507
- II. **The effect of nanoparticle size on the structural, optical and electrical properties of indium sulfide thin films**
DEMİR R., GÖDE F., GÜNERİ E., EMEN F. M.
6th International conference on materials science and nanotechnology for next generation (MSNG2019), Niğde, Turkey, 16 October 2019
- III. **Electrical characteristics of ZnO and CdS films covered with 8-Hydroxyquinoline**
DEMİR R., KAYA İ.
4th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2017), 4 - 08 October 2017
- IV. **Humidity properties of Schiff base polymers**
DEMİR R., KAYA İ.
4th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2017), 4 - 08 October 2017
- V. **Preparation and characterization of nanocrystalline CdS thin films deposited by chemical bath deposition**
DEMİR R., GÖDE F.
International Conference on Computational and Experimental Science and Engineering (ICCESEN), Antalya, Turkey, 4 - 08 October 2017, pp.568
- VI. **İndiyum sülfür ince filmlerin yapısal ve optik özelliklerinin incelenmesi**
GÖDE F., DEMİR R., EMEN F. M., GÜNERİ E., YILMAZ H.
ADIM FİZİK GÜNLERİ IV, Kütahya, Turkey, 28 - 29 May 2015
- VII. **Bianchi Tipi III Uzay-Zamanda Isı Akılı String (Sicim) Kozmolojinin Bazı Exact Çözümleri**
YAVUZ İ., YILMAZ İ., TARHAN İ., BAYSAL H., CAMCI U., ERDEM A., DEMİR R.
II. Spil Fen Bilimleri Kongresi, Manisa, Turkey, 23 - 25 October 1997, vol.2, pp.113-119

Metrics

Publication: 17

Citation (WoS): 120

Citation (Scopus): 124

H-Index (WoS): 4

H-Index (Scopus): 4

Non Academic Experience

MEB