

## Lect. PhD CANER İLDEŞ

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Fizik, Turkey 2019 - 2023

### Foreign Languages

English, C1 Advanced

### Research Areas

Natural Sciences, Engineering and Technology

### Academic Titles / Tasks

Lecturer PhD, Yozgat Bozok University, Bilim ve Teknoloji Uygulama ve Araştırma Merkezi, 2017 - Continues

### Academic and Administrative Experience

Deputy Director of the Center, Yozgat Bozok University, Bilim ve Teknoloji Uygulama ve Araştırma Merkezi, 2023 - Continues

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

- I. **Electrical and dielectric properties of RF sputtered nano Al<sub>2</sub>O<sub>3</sub> film annealed at 400 °C**  
Yalçın Y., ARSLAN Ö., İLDEŞ C., ÇOKDUYGULULAR E., ÇETİNKAYA Ç., KINACI B.  
Journal of Materials Science: Materials in Electronics, vol.34, no.25, 2023 (SCI-Expanded)
- II. **ELECTRICAL ANALYSIS OF SEMI-FLEXIBLE AND FLEXIBLE DSSCS: COMPARISON STUDY**  
İldes C., KANBUR ÇAVUŞ H.  
SURFACE REVIEW AND LETTERS, vol.29, no.06, 2022 (SCI-Expanded)

### Articles Published in Other Journals

**I. Voltage and Frequency Dependence Dielectric Properties of Au/n-CdTe Schottky Diodes**

KANBUR ÇAVUŞ H., ÇAVUŞ M., İLDEŞ C., BÜYÜKAKKAŞ S., ŞAHİNGÖZ R.

<https://dergipark.org.tr/tr/pub/bjs>, vol.1, no.1, pp.1-10, 2023 (Peer-Reviewed Journal)

## **Books & Book Chapters**

**I. YARDIMCI ABSORPLAYICI OLARAK OKSİN TÜREVLERİNİN KULLANILMASININ BOYA DUYARLI GÜNEŞ PİLLERİNİNE ETKİSİ**

Şahingöz R., Kanbur Çavuş H., İldeş C.

in: TARIM BİLİMLERİ ALANINDA MULTİDİSİPLİNER GÜNCEL ÇALIŞMALARII, Doç. Dr. Kübra YAZICI, Doç. Dr. Hülya DOĞAN, Editor, İKSAD, Yozgat, pp.321-336, 2023

**II. EFFECT OF MAGNETIC FIELD ON PLANT DEVELOPMENT**

KANBUR ÇAVUŞ H., İLDEŞ C., ŞAHİNGÖZ R.

in: MEDICINAL AND ECONOMIC IMPORTANCE OF PLANTS, Prof. Dr. Hatice BAŞ , Doç. Dr. Hülya DOĞAN, Editor, İKSAD, pp.309-323, 2023

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

**I. Incorporation of K and Cs into CdS Thin Films during Chemical Bath Deposition as an alternative strategy to post deposition treatment of Thin Film Solar Cell Absorbers**

KANBUR ÇAVUŞ H., ÜMSÜR B., İLDEŞ C.

9 th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2022), Turkey, 22 September 2022

**II. "Production and Characterization of Flexible Dye Sensitized Solar Cells"**

KANBUR ÇAVUŞ H., ŞAHİNGÖZ R., İLDEŞ C.

9 th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2022), Ankara, Turkey, 22 September 2022

**III. Incorporation of Alkali Metal into CdS Thin Films during Chemical Bath Deposition as an alternative strategy for Cu<sub>2</sub>ZnSnS<sub>4</sub> Absorber Layer Doping**

OLĞAR M. A., KANBUR ÇAVUŞ H., ÜMSÜR B., İLDEŞ C.

3rd International Conference on Photovoltaic Science and Technologies (PVCon 2022), Ankara', 5-7 July 2022., Turkey, 05 July 2022

**IV. Incorporation of Na and Rb into CdS Thin Films during Chemical Bath Deposition as an alternative strategy to post deposition treatment of Thin Film Solar Cell Absorbers**

KANBUR ÇAVUŞ H., ÜMSÜR B., İLDEŞ C.

International Conference on Emerging Photovoltaic Materials and Technologies (ICEPV 2022), Ankara', 29 April 2022., Turkey, 27 April 2022

**V. Production and investigation of the flexible dye-sensitized solar cells by using binder-free TiO<sub>2</sub> paste as photoanode material**

KANBUR ÇAVUŞ H., İLDEŞ C.

2nd International Conference on Photovoltaic Science and Technologies (PVCon 2020), Ankara', 30 Nov.-02 Dec. 2020., Turkey, 30 November - 02 December 2020

## **Supported Projects**

KANBUR ÇAVUŞ H., ÜMSÜR B., ARI H., İLDEŞ C., Project Supported by Higher Education Institutions, Çift alkali metal katkılı CdS ince filmlerin yapısal morfolojik ve optik özelliklerinin incelenmesi, 2022 - Continues

ERBAŞ Z., UZUN AKGEYİK A., AKGEYİK E., İLDEŞ C., KARTALOĞLU N., EKİNCİ Z. D., ERBAKAN M., Project Supported by

Higher Education Institutions, Farklı Nanomateryallerin Sentezi, Karakterizasyonu ve Biyolojik Aktivitelerinin İncelenmesi, 2022 - 2023

Yıldız E., Kanbur Çavuş H., İldeş C., Project Supported by Higher Education Institutions, Boya Duyarlı Güneş Pili (DSSC) Uygulamaları için Kenevir Liflerinden Karbon Elektrot Üretilmesi ve Elektriksel Özelliklerinin İncelenmesi, 2021 - 2023

KANBUR ÇAVUŞ H., İLDEŞ C., Project Supported by Higher Education Institutions, KİMYASAL BANYO YÖNTEMİYLE ÜRETİLEN FARKLI ALKALİ METAL KATKILI CdS İNCE FİLMLEİN YAPISAL, OPTİK VE ELEKTRONİK ÖZELLİKLERİNİN İNCELENMESİ, 2021 - 2023

ŞAHİNGÖZ R., İLDEŞ C., Project Supported by Higher Education Institutions, TiO<sub>2</sub> ile Auxin tabanlı esnek güneş hücrelerinin üretilmesi ve temel parametrelerinin karşılaştırılması, 2020 - 2022

## **Metrics**

Publication: 10