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Uluslararası Araştırmacı ID'leri

YÖKSİS Araştırmacı ID: 246402

Eğitim Bilgileri

- I. GAZİ ÜNİVERSİTESİ · Doktora · Yurt İçi · 2005–2010 · EĞİTİM BİLİMLERİ ENSTİTÜSÜ · FİZİK ÖĞRETMENLİĞİ (DR) · Elektrik devreleri konusunda 7e modelinin öğrencilerin başarı, bilimsel süreç becerilerinin gelişimi, kavramsal başarıları ve kalıcılık düzeylerine etkisi (2005–2010)
- II. GAZİ ÜNİVERSİTESİ · Doktora · Yurt İçi · 2002–2010 · FEN BİLİMLERİ ENSTİTÜSÜ · FİZİK (DR) · NiAu-AlGaIn/GaN heteroyapıların elektriksel karakteristiklerinin sıcaklığa bağlı incelenmesi (2002–2010)
- III. GAZİ ÜNİVERSİTESİ · Yüksek Lisans · Yurt İçi · 1999–2001 · FEN BİLİMLERİ ENSTİTÜSÜ · FİZİK (YL) (TEZLİ) · In_{0.51}Ga_{0.49}As ve In_{0.60}Ga_{0.40}As yarıiletkenlerinde mobilite hesaplamaları (1999–2001)
- IV. ONDOKUZ MAYIS ÜNİVERSİTESİ · Lisans · Yurt İçi · 1995–1999 · AMASYA EĞİTİM FAKÜLTESİ · FİZİK ÖĞRETMENLİĞİ PR. (1995–1999)

Araştırma Alanları

Fen Bilimleri ve Matematik Temel Alanı · Fizik · Yoğun Madde Fiziği ; Optoelektronik ; Yarı İletkenler

Yönetilen Tezler

- I. Al/FePc:ZnO/p-Si HİBRİT YAPILARIN FOTOVOLTAİK KARAKTERİSTİKLERİNİN İNCELENMESİ (2026)
- II. Güneş takip sistemleri için hibrit fotodiyot üretilmesi ve fotovoltaiik karakteristiklerinin incelenmesi (2025)

Makaleler

- I. Iron phthalocyanine(FePc)-sensitized ZnO for enhanced photovoltaic and electronic performance (2025)
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- II. Interface and dielectric properties of Al/p-Si diode by organic composite interlayer for MOS (2025)
DEMİREZEN SELÇUK,DERE AYŞEGÜL,ÇETİNKAYA HAYRİYE GÖKÇEN,A. Mansour Shehab,YAKUPHANOĞLU FAHRETTİN
- III. The Frequency Dependent of Main Electrical Parameters, Conductivity and Surface States in the Al/ (%0.5 Bi:ZnO)/p-Si/Au (MIS) Structures (2024)
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- V. Electrical and Photodetector Characteristics of Schottky Structures Interlaid with P(EHA) and P(EHA-co-AA) Functional Polymers by the iCVD Method (2023)
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- VIII. The investigation of current-transport mechanisms (CTMs) in the Al/(In₂S₃:PVA)/p-Si (MPS)-type Schottky barrier diodes (SBDs) at low and intermediate temperatures (2023)
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- IX. Optoelectronic characterization of Bi-doped ZnO nanocomposites for Schottky interlayer applications (2023)
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XXI. The role of interface traps, series resistance and (Ni-doped PVA) interlayer effects on electrical characteristics in Al/p-Si (MS) structures (2019)

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XXII. The study on negative dielectric properties of Al/PVA (Zn-doped)/p-Si (MPS) capacitors (2019)

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XXIII. On the anomalous peak and negative capacitance in the capacitance–voltage (C–V) plots of Al/(7 Zn-PVA)/p-Si (MPS) structure (2018)

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XXX. Frequency and voltage dependent profile of dielectric properties electric modulus and ac electrical conductivity in the PrBaCoO nanofiber capacitors (2016)

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XXXIV. The effect of frequency and temperature on capacitance conductance voltage C G V characteristics of Au n GaAs Schottky barrier diodes SBDs (2014)

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XXXV. Two diodes model and illumination effect on the forward and reverse bias I V and C V characteristics of Au PVA Bi doped n Si photodiode at room temperature (2013)

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XLI. On the profile of frequency and voltage dependent interface states and series resistance in Ni Au Al_{0.22}Ga_{0.78}N AlN GaN heterostructures by using current voltage I V and admittance spectroscopy methods (2011)

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XLII. Possible current transport mechanisms in the Ni Au Al_{0.22}Ga_{0.78}N AlN GaN Schottky barrier diodes at the wide temperature range (2010)

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XV. Ortaöğretim 11.Sınıf Öğrencilerinin Basit Elektrik Devreleri Konusundaki Kavra Yanılgılarının Üç Aşamalı Test İle Tespit Edilmesi (2008)

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XVI. Galvanomagnetic measurements of LEC grown Te-doped InSb, XI. Yoğun Madde Fiziği Ankara Toplantısı Ankara (2004)

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Projeler

I. İki bileşenli metal oksit esaslı elektronik aygıtların arayüzey özelliklerinin ve dielektrik özelliklerinin araştırılması (2025)

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