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### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Türkiye 2013 - 2018

Yüksek Lisans, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Türkiye 2011 - 2013

Lisans, Atatürk Üniversitesi, Fen Fakültesi, Fizik, Türkiye 2007 - 2011

### Araştırma Alanları

Temel Bilimler

### Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Van Yüzüncü Yıl Üniversitesi, Çaldıran Meslek Yüksek Okulu, Elektronik Ve Otomasyon Bölümü, 2022 - Devam Ediyor

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **The effects of electron irradiation on the current-voltage and capacitance-voltage measurements of Sn/p-GaAs/Au diodes**  
Duman S., Kaya F. Ş., Dogan H., Turgut G., ŞAHİN Y.  
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- II. **Effect of illumination on the electrical characteristics of Au/n-GaP/Al and Au/Chlorophyll-a/n-GaP/Al structures**  
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- III. **Calculation of characteristics parameters of Au/methyl green/n-Si/Ag diodes from the current-voltage measurements**  
KAYA F. Ş., Duman S., BARIŞ Ö., GÜRBULAK B.  
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- IV. **Effect of Temperature and Illumination on the Current-Voltage Characteristics of a Al/p-GaSe/In Diode**  
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- V. **Albedo parameters of selenium and boron compounds doped V2O5 thin films**  
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- VI. **Electrical investigation of Al/PEDOT/C/p-Si structure**  
Kaya F. Ş., ÖZÜLÜER ÖZER T., Turgut G., BAYRAKÇEKEN YURTCAN A., Duman S.  
RESULTS IN PHYSICS, cilt.13, 2019 (SCI-Expanded)
- VII. **Fabrication and characterization of n-ZnO/p-GaAs structure**  
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- VIII. **An Evaluation of Structural, Topographic, Optical, and Temperature-Dependent Electrical Features of Sol-Gel Spin-Coated p-NiO/n-Si Heterojunction**  
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- IX. **The effect of Sn doping Urbach Tail and optical absorption measurements of InSe crystal**  
Duman S., Gurbulak B., Dogan S., Ozcelik F. Ş.  
Journal of Physics: Conference Series 707, cilt.707, ss.1-7, 2016 (SCI-Expanded)
- X. **Lutentium incorporation influence on ZnO thin films coated via a sol-gel route: spin coating technique**  
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- XI. **A study of Eu incorporated ZnO thin films: An application of Al/ZnO:Eu/p-Si heterojunction diode**  
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- XII. **Electrical properties of Al/p-Ge and Al/Methyl Green/p-Ge diodes**  
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- XIV. **An investigation of Zn/ZnO:Al/p-Si/Al heterojunction diode by sol-gel spin coating technique**  
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- XV. **The synthesis and characterization of sol-gel spin coated CdO thin films: As a function of solution molarity**  
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Turgut G., KESKENLER E. F., AYDIN S., Dogan S., Duman S., ÖZÇELİK Ş., GÜRBULAK B., Esen B.  
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## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Characterization of Zn/n-GaP/Al and Zn/Chlorophyll-a/n-GaP/Al structures, International Asian Congress on Contemporary Sciences-V**  
Kaya F. Ş., Duman S.  
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- II. **Calculation of Characteristics Parameters of Au/n-GaP/Al and Al/n-GaP/Chlorophyll-a/Au**

## **Structures From the Current-Voltage and Capacitance-Voltage Measurements**

Kaya F. Ş., Duman S., Barış Ö.

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- III. **An investigation on characterization of ZnO/p-GaAs structure synthesized by sol-gel technique**  
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- IV. **Determination of Contact Parameters of Al/p-Ge Diode with Methyl Green Interlayer Science and Applications of Thin Films**  
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- V. **The Effect of Sn Doping on Urbach Tail and Optical Absorption Measurements of InSe crystal**  
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- VI. **Structural Characterization of InSe:Zn Layer Semiconductor Grown by Bridgman/Stockbarger Technique**  
Gürbulak B., Ashkhasi A., Şata M., Kaya F. Ş., Duman S.  
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- XI. **Fabrication and Electrical Characterization of Au/Pyronine-G/P-Si Diode**  
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- XII. **The Status of Women in Physics at Turkish Universities**  
Akdemir F., Kaya F. Ş., Durak R.  
Türk Fizik Derneği, 28. Uluslararası Fizik Kongresi, Muğla, Türkiye, 06 Eylül 2011, ss.215

## **Bilimsel Hakemlikler**

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