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Eğitim Bilgileri

Doktora, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (Dr), Türkiye 2000 - 2004

Yüksek Lisans, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), Türkiye 1996 - 2000

Lisans, Ankara Üniversitesi, Fen Fakültesi, Fizik Bölümü, Türkiye 1989 - 1993

Yaptığı Tezler

Doktora, MOS yapılar da temel fiziksel parametrelerin frekans ve radyasyon miktarına bağlı incelenmesi, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (Dr), 2004

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Araştırma Alanları

Yoğun Madde 2:Elektronik Yapı, Elektrik, Manyetik ve Optik Özellikler

Akademik Unvanlar / Görevler

Prof. Dr., Gazi Üniversitesi, Fen Fakültesi, Fizik, 2017 - Devam Ediyor

Doç. Dr., Gazi Üniversitesi, Fen Fakültesi, Fizik, 2011 - 2017

Yrd. Doç. Dr., Gazi Üniversitesi, Fen Fakültesi, Fizik, 2009 - 2011

Araştırma Görevlisi, Gazi Üniversitesi, Fen Fakültesi, Fizik, 1999 - 2009

Akademik İdari Deneyim

Gazi Üniversitesi, Fotonik Uygulama Ve Araştırma Merkezi, 2017 - Devam Ediyor

Gazi Üniversitesi, Fen Bilimleri Enstitüsü, 2012 - 2016

Verdiği Dersler

DİELEKTRİK FİZİĞİ I, Yüksek Lisans, 2016 - 2017

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- III. **Structural, morphological, optical and electrical characterization of MgO thin films grown by sputtering technique on different substrates**
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- VII. **Optical and dielectric behavior of Al/CrO₃/p-Si device**
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- VIII. **Influence of ionizing radiation on admittance measurements of Au/TiO₂/n-Si (MIS) capacitor**
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- IX. **Structural and Optical Properties of Interfacial InSe Thin Film**
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- X. **High-temperature sensitivity complex dielectric/electric modulus, loss tangent, and AC conductivity in Au/(S:DLC)/p-Si (MIS) structures**
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- XI. **The structural, electrical, and photoelectrical properties of Al/Cu₂CdSnS₄ chalcogenide film/p-Si Schottky-type photodiode**
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- XII. **Effect of CuO doping on the performance of LaB₆ interlayer films in Al/CuO:LaB₆/p-Si/Al diodes**
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- XIII. **Optoelectronic and Photonic Characteristics of Al/p-Si Diode with Boric Acid-Doped Zinc Oxide Interlayer**
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- XIV. **Electrical and optical properties of p-Si based structures with lead oxide interfaces**
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- XV. **Analysis of the Current Transport Characteristics (CTCs) in the Au/n-Si Schottky Diodes (SDs) with Al₂O₃ Interfacial Layer over Wide Temperature Range**
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- XVI. **Analysis of dielectric, impedance and electrical properties of interfacial layer: AlN**
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- XVIII. **Production of spin coated chromium oxide (CrO₃) thin layers and application in the Al/p-Si metal semiconductor structures**
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- XIX. **The effect of temperature on the electrical characteristics of Ti/n-GaAs Schottky diodes**
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- XX. **Analysis of admittance measurements of Al/Gr-PVA/p-Si (MPS) structure**
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- XXI. **Hydrothermal Synthesis of ZnO-Doped Poly-2-(4-Fluorophenyl)-2-Oxoethyl-2-Methylprop-2-Enoate Nanocomposites for Electronic Devices**
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- XXII. **Electrical, kinetic and photoelectrical properties of CuAlMnMg shape memory alloy/n-Si Schottky diode**
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- XXV. **A systematic influence of Cu doping on structural and opto-electrical properties of fabricated Yb₂O₃ thin films for Al/Cu-Yb₂O₃/p-Si Schottky diode applications**
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- XXVI. **Photoresponse characteristics of Au/(CoFe₂O₄-PVP)/n-Si/Au (MPS) diode**
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- XXVIII. **A Compare Study on Electrical Properties of MS Diodes with and Without CoFe₂O₄-PVP Interlayer**
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- XXIX. **Frequency dependence of the dielectric properties of Au/(NG:PVP)/n-Si structures**
Akbas A. M., TATAROĞLU A., ALTINDAL Ş., Azizian-Kalandaragh Y.
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- XXX. **Electrical characterization of Au/n-Si (MS) diode with and without graphene-polyvinylpyrrolidone (Gr-PVP) interface layer**
TATAROĞLU A., ALTINDAL Ş., Azizian-Kalandaragh Y.
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- XXXI. **The photo-electrical performance of the novel CuAlMnFe shape memory alloy film in the diode application**
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- XXXII. **Electrical Properties of MOS Capacitor with TiO₂/SiO₂ Dielectric Layer**
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- XLII. **CuAlMnV shape memory alloy thin film based photosensitive diode**
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- XLIII. **Comparison of electrical properties of MS and MPS type diode in respect of (In₂O₃-PVP) interlayer**
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- XLIV. **Effects of temperature and frequency on capacitance and conductance characteristics of zinc-oxide based MIS-Structure**
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structure

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- XLVII. **Metallo-Phthalocyanines Based Photocapacitors**
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- LIV. **Boron doped graphene based linear dynamic range photodiode**
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