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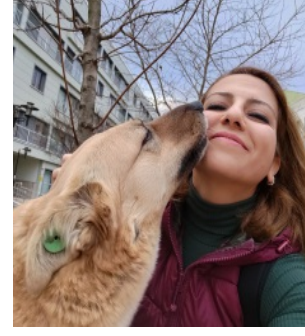
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Öğrenim Bilgisi

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Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye

Yüksek Lisans

2005 - 2008

Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye

Lisans

2001 - 2005

Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, Türkiye

Akademik Unvanlar / Görevler

Araştırma Görevlisi Dr.

2007 - Devam Ediyor

Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Development of a switchable solvent liquid phase extraction method for the determination of chlorthiamid, ethyl parathion, penconazole and fludioxonil pesticides in well, tap and lake water samples by gas chromatography mass spectrometry**
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5. **Effect of borax additive on the dielectric response of polypyrrole**
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 7. **Polypropylene/basalt thick film composites: structural, mechanical and dielectric properties**
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 8. **Anomalous Capacitance Behavior of Sol-Gel Deposited V2O5 Film on Crystalline Silicon**
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 9. **The impact of NiPc additive and laser light dielectric properties of E63 nematic liquid crystal**
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 12. **Electrical Characterization of Sol-Gel Derived TiO2 Film on c-Si Substrate by Admittance Measurement**
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Diğer Dergilerde Yayınlanan Makaleler

1. **Conduction Mechanism Analysis of Inversion Current in MOS Tunnel Diodes**
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2. **Electroluminescence property of organic light emitting diode (OLED)**
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8. **Dielectric Characterization of Conducting Polymers Borax Composites**
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13. **"Investigation of Sol-Gel Deposited ZnO on c-Si By Admittance Measurement As SIS Structure**
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14. **Investigation of Sol-Gel Deposited Vanadium Oxide By Capacitance/Voltage Measurement As SIS Structure**
SAATCI A. E., GÖKDEMİR F. P., ÖZDEMİR O., KUTLU K.
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15. **Dielectric Strength of WO₃ Thin Films By Admittance and Ellipsometry Measurements**
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16. **Structural, Optical and Electrochromic Properties of Cerium Dioxide Thin Films Prepared By Sol Gel**

Dip Coating Method

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17. **Effect of Erbium Doping on Sol-Gel Synthesized Vanadium Pentoxide and Titanium Dioxide Thin Films**
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18. **Electrical characterization of sol-gel derived TiO₂ Films on N/P c-Si substrates by admittance measurement**
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20. **Simulation Study of Charge Transport in PCDTBT: PCBM Organic Solar Cell**
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21. **Current-Voltage Analysis of PCBM:PCDTBT Blend To Find Out Charge Transport Path**
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22. **Electroluminescence property of organic light emitting diode (OLED)**
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3rd International Advances in Applied Physics and Materials Science Congress, APMAS 2013, Antalya, Türkiye, 24 - 28 Nisan 2013, cilt.1569, ss.364-371
23. **Ionic Conduction in Different Hydrated V₂O₅ Film**
Saatci A. E., GOKDEMİR F. P., MENDA U. D., KAVAK P., ÖZDEMİR O., Kutlu K.
2nd International Congress on Advances in Applied Physics and Materials Science (APMAS), Antalya, Türkiye, 26 - 29 Nisan 2012, cilt.1476, ss.289-295
24. **Electrical properties of CrSi₂/n-cryst. Si Heterojunction**
BULGURCUOĞLU A. E., TATAR B., CHOI F. P., KUTLU K., ÖZDEMİR O., KAVAK P., MENDA U. D.
5. Ulusal Nanobilim ve Nanoteknoloji Konferansı, Eskişehir, Türkiye, 08 Haziran 2009, ss.84
25. **Electrical features of Au/ β -FeSi₂/N-Si heterojunction through J-V-T Measurements**
ÖZDEMİR O., TATAR B., YILMAZER D., GOKDEMİR F. P., AYDOĞAN P., BULGURCUOĞLU A. E., KUTLU K.
25th International Physics Congress, Muğla, Türkiye, 25 Ağustos 2008, ss.408
26. **Electrical properties of Cr/Si Schottky Diodes Through I-V-T Measurement**
BULGURCUOĞLU A. E., TATAR B., ÖZDEMİR O., KUTLU K.
25th International Physics Congress, Muğla, Türkiye, 25 Ağustos 2008, ss.375
27. **Electrical Features of Au/-FeSi₂/n-Si Heterojunction Through J-V-T Measurement**
Gökdemir F. P., Özdemir O., Bulgurcuoğlu A. E., Tatar B., Kutlu K., Menda U. D.
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28. **Cr/Si Schottky Kontakların Fotovoltaik Özelliklerinin İncelenmesi**
BULGURCUOĞLU A. E., TATAR B., CHOI F. P., KUTLU K., ÖZDEMİR O., MENDA U. D.
II. Ulusal Güneş ve Hidrojen Enerjisi Kongresi, Eskişehir, Türkiye, 12 Haziran 2008, ss.22
29. **Cr/Si Schottky kontakların Fotovoltaik Özelliklerin İncelenmesi**
Gökdemir F. P., Özdemir O., Bulgurcuoğlu A. E., Kutlu K., Tatar B., Menda U. D.
II.Ulusal Güneş ve Hidrojen Enerjisi Kongresi, Eskişehir, Türkiye, 13 Haziran 2008

30. **Determination of conduction mechanism in Cr/beta-FeSi₂/n-Si heterojunction through I-V-T measurement**

BULGURCUOĞLU A. E., TATAR B., CHOI F. P., KUTLU K., ÖZDEMİR O., KAVAK P., MENDA U. D.

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31. **Conduction Mechanism Analysis in beta-FeSi₂/n-Si Heterojunction Through J-V-T Measurement**

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International Workshop on Advanced Materials and Devices for Photovoltaic Applications, Ankara, Türkiye, 20 - 22 Nisan 2008

Metrikler

Yayın: 56

Atıf (WoS): 106

Atıf (Scopus): 154

H-İndeks (WoS): 5

H-İndeks (Scopus): 7

Araştırma Alanları

Fizik, Yoğun Madde 2:Elektronik Yapı, Elektrik, Manyetik ve Optik Özellikler, Elektronik yapı, arayüzeylerin, ince filmlerin ve düşük boyutlu yapıların elektrik özellikleri, Temel Bilimler

Akademi Dışı Deneyim

Hobim Bilgi İşlem A.Ş.